

## **Historic, Archive Document**

Do not assume content reflects current scientific knowledge, policies, or practices.



A 2813448  
M343  
Reserve

OCTOBER 1977 SUMMARY



# FEDERAL MILK ORDER MARKET STATISTICS

## OCTOBER HIGHLIGHTS

MINIMUM CLASS I PRICE, \$10.78; BLEND, \$10.17

PRODUCER DELIVERIES UP 1.6 PERCENT

PRODUCER MILK USED IN CLASS I UNCHANGED FROM LAST YEAR

60 PERCENT OF DELIVERIES USED IN CLASS I

IN-AREA FLUID MILK SALES (ADJUSTED) DOWN 0.3 PERCENT

\* \* \* \* \*

\* SPECIAL THIS ISSUE - Page 36 \*

\* Lowfat milk sales in Federal milk \*

\* order markets \*

\* \* \* \* \*

\* \* \* \* \*

\* SPECIAL THIS ISSUE - Page 40 \*

\* Movements of Milk Into and Out of \*

\* Federal milk order markets \*

\* \* \* \* \*

U.S. DEPT. OF AGRICULTURE  
LIBRARY  
JUN 25 1978  
FEDERAL RECORDS

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
DAIRY DIVISION  
WASHINGTON, D.C.

ISSUED - December 1977

FMOS - 214

# TABLE OF CONTENTS

Table No.	Page No.
Summary. . . . .	3
1. Federal order fluid differentials, November and December 1977; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point, and butterfat differentials, November 1976 and 1977 and Class I price, December 1976 and 1977. . . . .	7
2. Federal order minimum Class and blend prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point, and butterfat differentials, October . . . . .	8
3. Federal order minimum Class I and blend prices for milk of 3.5 percent butterfat content, f.o.b. market or other indicated point, January - October averages . . . . .	10
4. Number of producers delivering milk to handlers regulated under Federal orders, total deliveries, and average daily deliveries per producer, October . . . . .	12
5. Producer milk deliveries used in Class I and gross Class I sales by handlers regulated under Federal orders, October. . . . .	14
6. Producer milk deliveries used in Class II by handlers regulated under Federal orders which have three classes of utilization, October and year to date with comparisons. . . . .	16
7. Producer milk deliveries to handlers regulated under Federal orders and deliveries used in Class I, January-October. . . . .	18
8. Whole milk, lowfat and skim milk items sold in marketing areas defined by Federal milk orders, for markets where such information is available, September 1977, with comparisons. . . . .	20
9. Packaged sales of individual whole milk items, lowfat and skim milk items, in 46 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons . . . . .	22
10. Packaged sales of whole milk items, lowfat and skim milk items, milk and cream mixtures, cream items, and total fluid items by handlers regulated under Federal milk orders, grouped by region, September 1977, with comparisons . . . . .	25
11. Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal orders, January 1977 to date, with comparisons . . . . .	26
12. Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk orders, grouped by regions, September 1976. . . . .	27
13. Milk, skim milk and cream utilized in the manufacture of dairy products by handlers regulated under Federal milk orders, grouped by regions, September 1977. . . . .	28
14. Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1977 to date, with comparisons. . . . .	29
15. Federal order base and excess prices for milk of 3.5 percent butterfat content, October. . . . .	30
16. Seasonal incentive fund included under various Federal milk orders, October. . . . .	30
17. Dairy product prices and manufacturing milk prices, January 1977 to date, with comparisons . . . . .	31
18. U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1977 to date, with comparisons . . . . .	32
19. Retail prices paid by consumers for dairy products, United States, January 1977 to date, with comparisons . . . . .	33
20. Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, October 1977, with comparisons . . . . .	33
21. U.S. production, January 1977 to date with comparisons . . . . .	34
22. Commercial and Government storage holdings, January 1977 to date, with comparisons . . . . .	34
23. U.S.D.A. purchases (Delivery basis), January 1977 to date, with comparisons. . . . .	35
Lowfat milk sales in Federal milk order markets. . . . .	36
Movements of milk into and out of Federal milk order markets . . . . .	40
Major order actions, October 1977. . . . .	48

# FEDERAL MILK ORDER MARKET STATISTICS

Summary of prices, deliveries, and deliveries used in Class I

Year	Number of markets	Average number of producers	Change from prev. year 1/	Average daily deliveries per producer	Deliveries used in Class I	Change from prev. year 1/	Class I utilization	Prices per 100 pounds (3.5 percent)
	No.	Number	Pct.	Pounds	Bil. lb.	Pct.	Percent	Dollars
1972	62	136,881	1.5	1,372	40.9	2.0	60	7.10
1973	61	131,565	-3.6	1,386	40.5	-1.0	61	8.03
1974	61	126,094	2.3	1,473	39.3	-3.0	58	9.35
1975	56	123,855	2.2	1,532	40.1	2.1	58	9.36
1976	50	122,770	7.4	1,659	41.0	1.9	55	10.70

1/ Percentages computed from unrounded pounds.

Year and month	: Number of comp. markets:	: Number of producers	: Producer : deliveries	: Change		: Average daily		: Deliveries		: Change		: Class I utilization	: Prices per 100 pounds (3.5 percent)	
				: from prev.	: year 1/	: from prev.	: year 1/	: used in Class I	: year 1/	: from prev.	: year 1/		: Class I	: Blend
1977: 2/	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Jan.	: 46	: 107,058	: 5.5	: 3.2	: 1,671	: 1,584	:	: 3.2	:	: -3.2	: 58	:	: 10.38	: 10.96
Feb.	: 46	: 106,227	: 5.1	: 2.9	: 1,724	: 1,696	:	: 2.9	:	: 2.9	: 57	:	: 10.37	: 11.20
Mar.	: 46	: 106,309	: 5.9	: 2.8	: 1,788	: 1,701	:	: 3.3	:	: -7	: 56	:	: 10.32	: 11.02
Apr.	: 46	: 105,702	: 5.9	: 2.7	: 1,871	: 1,777	:	: 3.1	:	: -1.7	: 52	:	: 10.29	: 10.37
May	: 42	: 101,816	: 6.1	: 1.5	: 1,940	: 1,844	:	: 3.0	:	: -5	: 49	:	: 10.46	: 10.74
June	: 42	: 101,588	: 5.8	: 1.3	: 1,908	: 1,816	:	: 2.8	:	: 1.4	: 49	:	: 10.75	: 10.58
July	: 42	: 101,778	: 5.7	: 1.5	: 1,805	: 1,721	:	: 2.8	:	: -3.6	: 49	:	: 10.76	: 10.44
Aug.	: 42	: 101,823	: 5.6	: 3.4	: 1,780	: 1,666	:	: 3.0	:	: 3.2	: 53	:	: 10.74	: 10.46
Sept.	: 42	: 101,772	: 5.3	: 1.8	: 1,737	: 1,652	:	: 3.2	:	: 1.9	: 60	:	: 10.79	: 10.84
Oct.	: 42	: 101,022	: 5.3	: 1.6	: 1,705	: 1,619	:	: 3.2	:	: 0	: 61	:	: 10.78	: 11.12
Nov.	:	:	:	:	:	:	:	:	:	:	:	:	:	:
Dec.	:	:	:	:	:	:	:	:	:	:	:	:	:	:

1/ Percentages computed from unrounded pounds. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

2/ Excludes: Upper Midwest, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi, January to present. Excludes Iowa, May to present.

3/ Average or total.

Summary of packaged fluid milk and fluid cream product sales 1/

Year	No. of mks.	Whole milk items 2/			Lowfat and skim milk items 3/			Milk and Cream mixtures			Cream items 4/			Total fluid milk and fluid cream items 5/		
		Mil.	lb.	Percent	Mil.	lb.	Percent	Mil.	lb.	Percent	Mil.	lb.	Percent	Mil.	lb.	Percent
		:Change over prev. :year 6/			:Change over prev. :year 6/			:Change over prev. :year 6/			:Change over prev. :year 6/			:Change over prev. :year 6/		
1973	61	29,854	- 3.0	3.42: 10,273	9.1	1.46: 405	- 2.1	11.1: 291	3.4	23.2: 41,138	- 0.2	3.14				
1974	61	28,067	- 5.6	3.41: 10,910	6.4	1.46: 386	- 4.5	10.9: 328	7/ 7.6	22.1: 39,881	- 2.5	3.10				
1975	56	27,939	- .5	3.37: 11,989	9.9	1.47: 378	- 2.0	11.0: 363	7/10.9	21.8: 40,890	2.5	3.05				
1976 8/	49	23,702	- .4	3.34: 12,435	9.0	1.49: 346	4.9	11.1: 359	4.7	21.3: 37,089	2.7	2.97				
1977 8/	49	2,028	- 3.2	3.34: 1,125	5.3	1.50: 27	- 1.8	11.1: 24	- 7.4	21.0: 3,219	- 0.4	2.89				
Jan.	49	1,827	2.5	3.33: 1,037	12.1	1.48: 26	5.1	11.1: 23	- 1.2	21.0: 2,929	5.8	2.88				
Feb.	49	2,036	- 1.7	3.33: 1,166	8.7	1.48: 29	- .6	11.1: 28	- 4.1	20.7: 3,281	1.9	2.88				
Mar.	49	1,930	- 3.9	3.33: 1,110	6.7	1.47: 28	- 2.6	11.2: 28	- 4.5	21.4: 3,118	- .2	2.89				
Apr.	46	1,893	- 3.3	3.32: 1,083	7.7	1.48: 28	- 3.0	11.1: 28	.5	21.2: 3,054	.6	2.89				
May 9/	46	1,778	- 1.3	3.32: 1,019	7.5	1.48: 28	- 2.3	11.1: 29	- .5	21.2: 2,877	1.9	2.92				
June	46	1,786	- 5.9	3.33: 1,007	2.8	1.48: 28	- 6.5	11.1: 28	- 7.1	21.0: 2,868	- 2.8	2.92				
July	46	1,905	1.0	3.33: 1,076	10.5	1.49: 30	2.9	11.0: 29	3.0	20.5: 3,060	4.4	2.91				
Aug.	46	1,992	- 1.1	3.33: 1,174	9.8	1.50: 28	2.3	11.0: 26	- 3.1	20.5: 3,239	2.7	2.87				
Sept.	46															
Oct.																
Nov.																
Dec.																
Year to date		17,174	- 1.9	3.33: 9,797	7.9	1.48: 252	- .9	11.1: 243	- 2.7	20.9: 27,646	1.5	2.89				

1/ Total packaged disposition, in and out of the marketing area, by regulated handlers. Besides receipts from producers, these dispositions also may include receipts from other Federal order plants and/or receipts from other sources.

2/ Plain and flavored whole milk.

3/ Plain, fortified, flavored skim and lowfat milk, and buttermilk.

4/ Light, heavy, and sour cream, and cream dips.

5/ Includes eggnog and yogurt.

6/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

7/ During January 1974, there was a change in the reporting of the sales of cream items. As a result, the percent change over the previous year is somewhat overstated.

8/ Represents the data for all Federal milk order markets, except New York-New Jersey. Data for comparable Federal milk order markets can be found on tables 10 and 11.

9/ The decreased number of markets reflects the merger of Cedar Rapids-Iowa City, Des Moines, Quad Cities-Dubuque, and North Central Iowa. See "Major Order Actions, May 1977" in FMOS-209, May 1977.



Summary of milk, skim milk, and cream utilized in manufactured products and uses 1/

Year	No. of mks:	BUTTER				CHEESE				FROZEN DESSERTS				COTTAGE CHEESE				SKIM MILK POWDER				TOTAL 2/			
		Percent	Change:	Mil. lb.	Bf.	Percent	Change:	Mil. lb.	Bf.	Percent	Change:	Mil. lb.	Bf.	Percent	Change:	Mil. lb.	Bf.	Percent	Change:	Mil. lb.	Bf.	Percent	Change:	Mil. lb.	Bf.
		over	prev.	year3/	year3/	over	prev.	year3/	year3/	over	prev.	year3/	year3/	over	prev.	year3/	year3/	over	prev.	year3/	year3/	over	prev.	year3/	year3/
1973	61	952	-13.6	39.2		7,631	8.5	3.83	2,540	-3.2	10.9	4,535	-6.4	1.11	-22.5	5,151	.05	27,914	-4.0	4.29					
1974	61	1,026	2.4	37.2		10,878	41.3	3.78	2,534	3.8	11.3	4,046	-7.8	1.15	15.3	5,932	.07	30,844	10.6	4.28					
1975	56	984	-1.4	38.2		11,621	7.4	3.80	2,868	16.5	11.7	4,126	-1.5	1.11	- .1	5,926	.07	31,397	4.2	4.38					
1976 4/5/	49	984	13.8	40.9		13,339	26.8	3.75	2,672	3.3	11.8	3,289	7.2	1.09	15.0	6,043	.08	31,209	14.1	4.46					
1977 5/	49	110	28.1	41.8		1,158	26.0	3.96	164	3.7	13.5	245	0.7	1.09	37.7	481	0.10	2,551	19.2	5.04					
Jan.	49	98	26.0	42.3		1,113	23.9	3.88	179	6.2	12.7	251	4.9	1.10	19.1	463	.09	2,493	18.6	4.85					
Feb.	49	101	21.3	41.9		1,317	22.6	3.79	242	3.4	12.0	307	-2.6	1.08	26.5	573	.08	2,985	15.5	4.59					
Mar.	49	103	19.2	40.6		1,459	22.4	3.71	238	- .2	11.5	284	-6.6	1.05	19.2	673	.07	3,213	13.4	4.29					
Apr.	46	110	12.9	38.2		1,553	18.6	3.66	270	8.8	11.0	303	.2	1.10	12.2	770	.07	3,495	12.1	4.14					
May 6/	46	98	14.5	38.0		1,454	10.6	3.59	284	.6	11.1	297	-7.9	1.08	7.8	757	.08	3,391	6.6	4.01					
June	46	87	6.5	36.8		1,358	7.8	3.57	275	-2.6	11.2	286	-5.7	1.07	4.6	706	.08	3,187	3.3	3.94					
July	46	78	13.7	39.6		1,198	5.8	3.62	292	7.9	11.5	297	-7.0	1.04	14.4	629	.08	2,974	7.7	4.11					
Aug.	46	80	18.8	40.0		1,011	6.9	3.82	230	-1.8	11.8	272	2.5	1.04	12.3	443	.09	2,451	6.8	4.52					
Sept.																									
Oct.																									
Nov.																									
Dec.																									
Year to date	865	18.1	40.0			11,622	15.8	3.72	2,174	2.7	11.7	2,543	-2.7	1.07	15.4	5,494	.08	26,739	11.3	4.35					

1/ Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some data are partially estimated.

2/ Includes, in addition to listed manufactured products, milk, skim milk, and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole milk powder, aerated, and frozen and plastic cream; milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.

3/ Percentage changes over previous year are based on pounds of butterfat, except for skim milk powder which are based on pounds of product.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Excludes New York-New Jersey.

6/ The decreased number of markets reflects the merger of Cedar Rapids-Iowa City, North Central Iowa, Quad Cities-Dubuque, and Des Moines. See "Major Order Actions, May 1977" in FMOS - 209, May 1977.

Summary of packaged sales of fluid milk products in marketing areas defined by Federal milk orders 1/

Year	No. of comp. mks.	Whole milk items 2/				Lowfat and skim milk items 3/				Total fluid milk items			
		Percent		Mil. lb.	Bf. test	Percent		Mil. lb.	Bf. test	Percent		Mil. lb.	Bf. test
		Change over previous year	Unadj. Adj. 5/			Change over previous year	Unadj. Adj. 5/			Change over previous year	Unadj. Adj. 5/		
1973 6/	57	23,727	- 3.1	- 3.2	3.42	9,129	8.5	1.49	1.49	32,856	- 0.2	32,850	- 0.2
1974 6/	57	22,243	- 6.2	- 6.2	3.41	9,724	6.5	1.49	1.49	31,967	- 2.7	31,957	- 2.7
1975 7/	55	22,180	- .9	- .9	3.36	10,757	9.8	1.49	1.49	32,937	2.3	32,937	2.4
1976 8/	48	21,685	- 3.0	- 3.1	3.34	11,640	7.2	1.50	1.50	33,324	.3	33,195	.2
1977 1/													
January	49	1,937	- 6.3	- 2.8	3.35	1,082	3.2	1.50	1.50	3,020	- 3.1	2,903	0.7
February	49	1,746	- .6	- 3.8	3.34	995	9.7	1.48	1.48	2,740	2.9	2,868	- .5
March	49	1,946	- 4.1	- 4.0	3.34	1,121	7.0	1.48	1.48	3,066	- .3	2,902	- .1
April	49	1,848	- 4.0	- 4.3	3.33	1,066	5.7	1.48	1.48	2,914	- .6	2,852	- 1.0
May 2/	46	1,813	- 3.7	- 3.1	3.33	1,040	6.8	1.48	1.48	2,853	- .1	2,902	.4
June	46	1,702	- 1.4	- 1.7	3.33	979	7.6	1.49	1.49	2,682	1.7	2,929	1.6
July	46	1,704	- 6.3	- 3.0	3.33	964	2.5	1.49	1.49	2,668	- 3.3	2,894	1.1
August	46	1,819	.7	- 2.3	3.34	1,032	10.5	1.50	1.50	2,851	4.1	2,959	1.0
Sept.	46	1,898	- 1.5	- 2.4	3.34	1,123	9.3	1.51	1.51	3,021	2.3	2,938	1.1
October 10/	46	1,888	- 4.1	- 3.8	3.34	1,124	5.5	1.51	1.51	3,012	- .7	2,872	- .3
November													
December													
Year to date	—	18,301	- 3.2	- 3.1	3.34	10,527	6.7	1.49	1.49	28,828	.2	29,018	.3

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain, and flavored whole milk.

3/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

4/ Percentages based on the same number of comparable markets in both years. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Adjusted to eliminate variations in data due to calendar composition and seasonality. See special article in FMOS - 210, June 1977.

6/ Excludes the New York-New Jersey, Fort Smith, Lake Mead, Western Colorado, and Mississippi markets.

7/ Excludes the New York-New Jersey market.

8/ Excludes the New York-New Jersey and New Orleans-Mississippi markets.

9/ The decreased number of comparable markets reflects the merger of Cedar Rapids-Iowa City, Des Moines, Quad Cities-Dubuque, and North Central Iowa. See "Major Order Actions, May 1977" in FMOS - 209, May 1977.

10/ Estimated.



Table 1.—Federal order fluid differentials, November and December 1977; minimum Class I prices for milk of 3.5 percent butterfat content f.o.b. market or other indicated point\* and butterfat differentials, November 1976 and 1977; and Class I price, December 1976 and 1977

Marketing area	Fluid										Class I price										Marketing area	Fluid										Class I price									
	diff.					per					Fat diff.					Class I price						diff.					per					Fat diff.					Class I price				
	100 lb.					per 100 lb.					0.1%					per 100 lb.						100 lb.					per 100 lb.					0.1%					per 100 lb.				
	1/																					1/																			
	November										December											November										December									
1977	1977	1976	1977	1976	1977	1977	1976	1977	1976	1977	1977	1976	1977	1976	1977	1977	1976	1977	1976	1977	1977	1976	1977	1976	1977	1976	1977	1976													
	Dollars					Cents					Dollars										Dollars					Cents					Dollars										
NEW ENGLAND																																									
New England	2.98	11.72	11.44	11.6	10.4			11.72	11.24																																
MIDDLE ATLANTIC																																									
New York-New Jersey 2/	2.61	11.35	11.10	11.6	10.4			11.35	10.90																																
Middle Atlantic	2.78	11.52	11.24	11.6	10.4			11.52	11.04																																
SOUTH ATLANTIC																																									
Tampa Bay	2.95	11.69	11.41	11.6	7.5			11.69	11.21																																
Southeastern Florida	3.15	11.89	11.61	11.6	7.5			11.89	11.41																																
Upper Florida	2.85	11.59	11.31	11.6	7.5			11.59	11.11																																
Georgia	2.30	11.04	10.76	11.6	10.4			11.04	10.56																																
EAST NORTH CENTRAL																																									
Eastern Group																																									
Southern Michigan	1.60	10.34	10.06	11.4	10.3			10.34	9.86																																
Eastern Ohio-W. Pa.	1.85	10.59	10.31	11.6	10.4			10.59	10.11																																
Ohio Valley	1.70	10.44	10.16	11.6	10.4			10.44	9.96																																
Western Group																																									
Mich. Upper Penin.	1.35	10.09	9.81	12.6	11.3			10.09	9.61																																
Chicago Regional	1.26	10.00	9.72	11.6	10.4			10.00	9.52																																
Louis.-Lex.-Evans.	1.70	10.44	9.95	11.6	10.4			10.44	9.96																																
Indiana	1.47	10.21	9.93	11.6	10.4			10.21	9.73																																
Southern Illinois	3/1.53	10.27	9.99	11.6	10.4			10.27	9.79																																
Central Illinois	1.39	10.13	9.85	11.6	10.4			10.13	9.65																																
WEST NORTH CENTRAL																																									
Northern Group																																									
Upper Midwest	1.12	9.86	9.58	11.6	10.4			9.86	9.38																																
Eastern South Dakota	1.40	10.14	9.86	11.6	10.4			10.14	9.66																																
Black Hills	1.95	10.69	10.41	12.1	10.9			10.69	10.21																																
Iowa 4/	1.40	10.14	9.86	11.6	10.4			10.14	9.66																																
Nebraska-W. Iowa	1.60	10.34	10.06	11.6	10.4			10.34	9.86																																

\* Generally the major city in the marketing area. See footnotes on table 2 for location.

1/ The basic formula price is the Minnesota-Wisconsin price for the second preceding month adjusted to a 3.5 percent butterfat content.

2/ Effective November 1, 1977, The Class I price in New York City was reduced 3 cents.

3/ Tied to the St. Louis-Osarks order.

4/ The data shown for the previous year represent what the prices would have been had the order been in effect at those times.

5/ Tied to the Oklahoma Metropolitan order.

TABLE 2.—FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, OCTOBER\*\*

MARKETING AREA	PRICES PER 100 POUNDS						FAT DIFFERENTIAL 0.1%			
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	OCT 1977	OCT 1976	OCT 1977	OCT 1976	OCTOBER 1977		OCTOBER 1977			
	DOLLARS						CENTS			
NEW ENGLAND										
NEW ENGLAND 1/	11.62	11.97	11.10	11.21	8.86	---	11.6	11.6	---	11.6
AVERAGE 2/	11.62	11.97	11.10	11.21	---	---	11.6	---	---	11.6
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY 3/	11.28	11.63	10.59	10.64	8.88	---	11.6	11.6	---	11.6
MIDDLE ATLANTIC 4/	11.42	11.77	10.32	10.43	8.82	---	11.6	11.6	---	11.6
AVERAGE 2/	11.34	11.69	10.49	10.56	---	---	11.6	---	---	11.6
SOUTH ATLANTIC										
TAMPA BAY	11.59	11.94	11.68	11.78	8.89	---	7.5	11.6	---	8.7
SOUTHEASTERN FLORIDA 6/	11.79	12.14	11.88	12.00	8.89	7/ 4.55	7.5	11.6	11.6	8.7
UPPER FLORIDA 8/	11.49	11.84	11.69	11.86	8.89	---	7.5	11.6	---	8.6
GEORGIA 9/	10.94	11.29	10.56	10.79	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE 2/	11.35	11.70	11.23	11.42	---	---	9.2	---	---	10.0
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN 10/	10.24	10.59	9.61	9.67	8.89	8.74	11.4	11.4	11.4	11.4
EASTERN OHIO-WESTERN PA. 11/	10.49	10.84	10.13	10.21	8.84	8.74	11.6	11.6	11.6	11.6
OHIO VALLEY 13/	10.34	10.69	10.05	10.18	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE 2/	10.35	10.70	9.90	9.99	---	---	11.5	---	---	11.5
WESTERN GROUP										
MICHIGAN UPPER PENINSULA 14/ 15/	9.99	10.34	9.53	9.60	8.74	---	12.6	11.6	---	12.2
CHICAGO REGIONAL 16/	9.90	10.25	9.31	9.11	8.84	8.74	11.6	11.6	11.6	11.6
LEWISVILLE-LAUGHLIN-EVANSVILLE	10.34	10.48	10.30	10.25	8.84	8.74	11.6	11.6	11.6	11.6
INDIANA 17/	10.11	10.46	10.01	10.04	8.84	8.74	11.6	11.6	11.6	11.6
SOUTHERN ILLINOIS 18/	10.17	10.52	10.09	10.13	8.84	8.74	11.6	11.6	11.6	11.6
CENTRAL ILLINOIS 19/	10.03	10.38	10.02	9.91	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE 2/	10.03	10.36	9.55	9.44	---	---	11.6	---	---	11.6
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST 20/	9.76	10.11	9.06	8.85	8.84	8.74	11.6	11.6	11.6	11.6
EASTERN SOUTH CENTRAL 21/	10.04	10.39	9.55	9.46	8.84	8.74	11.6	11.6	11.6	11.6
BLACK HILLS 22/	10.59	10.94	10.09	9.93	8.74	---	12.1	11.1	---	11.6
ICWA 23/	10.04	10.34	9.49	9.49	8.84	8.74	11.6	11.6	11.6	11.6
NEBRASKA 24/ WESTERN IOWA 25/	10.24	10.59	9.56	9.48	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE 2/	10.22	10.57	9.58	9.50	---	---	11.6	---	---	11.6

\* Major city in the marketing area. \*\* All averages are weighted. 1/ Nearby plant zone prices; Boston and Hartford are in this zone. Price at 201-210 mile zone: Class I and blend, 40 cents less; Class II, 5.8 cents less. 2/ Markets under regulation on January 1, 1977, and which have had no significant marketing area expansions. Excludes Upper Midwest, Iowa, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi. 3/ New York metropolitan area. Price excludes a 5-cent direct delivery differential. Prices at 201-210 mile zone: Class I and blend, 24 cents less; Class II, eight cents less. 4/ Philadelphia, Baltimore, and Washington, D.C. Price excludes a 6-cent delivery differential applicable to milk delivered to Philadelphia. 5/ Seven cents for advertising and promotion has been deducted from the blend price. 6/ Miami. 7/ Applies to the skim milk portion of all milk which is either disposed of for fertilizer or livestock feed or dumped. 8/ Jacksonville and Tallahassee. 9/ Atlanta. 10/ Prices exclude direct delivery differentials applicable to milk delivered to Detroit of 8 cents in 1976 and 10 cents in 1977. 11/ Zone I (Erie, Pennsylvania). Class I and blend price for zone 3 (Cleveland) plus 8 cents, for zone 4 (Pittsburgh) plus ten cents. 12/ Five cents for advertising and promotion has been deducted from the blend price. 13/ Central zone (Cincinnati and Columbus). Class I and blend price at Toledo (Northwestern zone) five cents less and at Charleston, West Virginia (Southeastern zone) 5 cents more. 14/ Zone 2 (Marquette). 15/ Weighted average of all handlers' blend prices at all locations, 1977-76. 16/ Zone I (Chicago). Class I and blend price at Milwaukee (Zone 4) 9 cents less. 17/ Indianapolis. 18/ Base zone (Alton). Class I and blend price at Carbondale (southeastern zone) seven cents more. 19/ Peoria. 20/ Zone I (Minneapolis, Rochester, and Duluth, Minnesota; Fargo, North Dakota, and Superior, Wisconsin. 21/ Sioux Falls. 22/ Rapid City, South Dakota. 23/ Zone I (Des Moines). Class I prices at other points in the marketing area: Cedar Rapids, minus seven cents; Rock Island, IL., minus seven cents; and Waterloo, minus 16 cents. 24/ Represents a weighted average price for the merged orders. 25/ Zone I (Omaha).

TABLE 2.-FEDERAL ORDER MINIMUM CLASS AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.O.B. MARKET OR OTHER INDICATED POINT, AND BUTTERFAT DIFFERENTIALS, OCTOBER\*\* -CON.

MARKETING AREA	ON OTHER INDICATED POINTS AND CONTRACT DIFFERENTIALS, COLORADO									
	PRICES PER 100 POUNDS				FAT DIFFERENTIAL 0.1%					
	CLASS I		BLEND		CLASS II	CLASS III	CLASS I	CLASS II	CLASS III	BLEND
	OCT 1977	OCT 1976	OCT 1977	OCT 1976	OCTOBER 1977		OCTOBER 1977			
DOLLARS					CENTS					
WEST NORTH CENTRAL -CON.										
SOUTHERN GROUP										
ST LOUIS - OZARKS <u>26/</u>	10.24	10.59 <u>12/</u>	10.01 <u>12/</u>	10.25	8.84	8.74	11.6	11.6	11.6	11.6
GREATER KANSAS CITY <u>27/</u>	10.38	10.73 <u>12/</u>	9.80 <u>12/</u>	9.68	8.84	8.74	11.6	11.6	11.6	11.6
NECSHO VALLEY <u>28/</u>	10.29	10.64 <u>12/</u>	10.20 <u>12/</u>	10.55	8.84	8.74	11.6	11.6	11.6	11.6
WICHITA <u>29/</u>	10.44	10.79 <u>12/</u>	10.05 <u>12/</u>	9.96	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	10.30	10.65	9.95	10.03	---	---	11.6	---	---	11.6
EAST SOUTH CENTRAL										
PACUHAN	10.34	10.69	10.48	10.70	8.84	8.74	11.6	11.6	11.6	11.6
NASHVILLE	10.49	10.57	9.92	9.77	8.84	8.74	11.6	11.6	11.6	11.6
MEMPHIS <u>30/</u>	10.58	10.93 <u>12/</u>	10.26 <u>12/</u>	10.56	8.84	8.74	11.6	11.6	11.6	11.6
TENNESSEE VALLEY <u>31/</u>	10.74	11.09	10.35	10.51	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	10.50	10.72	10.10	10.14	---	---	11.6	---	---	11.6
WEST SOUTH CENTRAL										
NORTHERN GROUP <u>32/</u>										
CENTRAL ARKANSAS <u>33/</u>	10.58	10.93 <u>12/</u>	10.40 <u>12/</u>	10.65	8.84	8.74	11.6	11.6	11.6	11.6
OKLAHOMA METROPOLITAN <u>34/</u>	10.62	10.97 <u>12/</u>	10.33 <u>12/</u>	10.21	8.84	8.74	11.6	11.6	11.6	11.6
RED RIVER VALLEY <u>35/</u>	10.84	11.19 <u>12/</u>	10.40 <u>12/</u>	10.68	8.84	8.74	11.6	11.6	11.6	11.6
TEXAS PANHANDLE <u>36/</u>	10.89	11.24 <u>12/</u>	10.62 <u>12/</u>	10.52	8.84	8.74	11.6	11.6	11.6	11.6
LLEBUCK - PLAINVIEW	11.06	11.41 <u>12/</u>	10.85 <u>12/</u>	11.00	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	10.67	11.03	10.40	10.46	---	---	11.6	---	---	11.6
SOUTHERN GROUP										
GREATER LOUISIANA <u>37/</u>	11.11	11.46	10.82	11.01	8.84	8.74	11.6	11.6	11.6	11.6
NEW ORLEANS-MISSISSIPPI <u>38/</u>	11.49	11.84	10.98	11.37	8.84	8.74	11.6	11.6	11.6	11.6
TEXAS <u>39/</u>	10.96	11.31 <u>12/</u>	10.50 <u>12/</u>	10.65	8.84	8.74	11.6	11.6	11.6	11.6
AVERAGE <u>2/</u>	10.96	11.31	10.50	10.65	---	---	11.6	---	---	11.6
MOUNTAIN										
EASTERN COLORADO <u>40/</u>	10.54	11.29	10.32	10.51	8.89	8.74	13.1	12.1	12.1	12.7
GREAT BASIN <u>41/</u>	10.54	10.89	9.87	9.83	8.89	8.74	12.1	11.6	11.6	11.8
WESTERN COLORADO <u>42/</u>	10.64	10.99	10.48	10.68	8.79	8.74	12.1	12.1	12.1	12.1
CENTRAL ARIZONA <u>43/</u>	11.16	11.51	10.40	10.41	8.84	8.74	11.6	11.6	11.6	11.6
RIC GRANDE VALLEY <u>44/</u>	10.99	11.34 <u>12/</u>	10.53 <u>12/</u>	10.71	8.84	8.74	11.6	11.6	11.6	11.6
LAME MEAD <u>45/</u>	10.24	10.59	9.85	9.88	8.89	8.74	12.1	11.6	11.6	11.9
AVERAGE <u>2/</u>	10.88	11.24	10.24	10.32	---	---	12.2	---	---	12.0
PACIFIC										
PACIFIC SOUND <u>46/</u>	10.49	10.84	9.54	9.41	8.99	8.74	11.6	11.6	11.6	11.6
INLAND EMPIRE <u>47/</u>	10.59	10.94	9.70	9.83	8.99	8.74	12.4	11.6	11.6	11.9
OREGON - WASHINGTON <u>48/</u>	10.59	10.94	9.87	9.94	8.99	8.74	12.1	11.6	11.6	11.8
AVERAGE <u>2/</u>	10.55	10.90	9.69	9.66	---	---	11.9	---	---	11.7
41-MARKET AVERAGE <u>2/ 32/</u>	10.78	11.12	10.17	10.21	<u>49/</u> 8.83	---	11.4	---	---	11.5
ALL-MARKET AVERAGE	10.74	11.08	10.08	10.11	<u>49/</u> 8.83	---	11.5	---	---	11.5

26/ Zone I (St. Louis and Springfield). 27/ Kansas City and Topeka. 28/ Pittsburg, Kansas. 29/ Zone I (Wichita). 30/ Blend prices are weighted average of all handlers', 1977-76. 31/ Bristol, Chattanooga, and Knoxville. 32/ Excludes Fort Smith. Fewer than three handlers. Fort Smith prices: Class I 1977, \$10.59 and 1976, \$10.94; Blend 12/ 1977, \$10.33 and 1976, \$10.63; Class II 1977, \$8.84 and 1976, \$8.36; Class III 1977, \$8.74 and 1976, \$8.26. Fat differential: Class I 1977, 11.6¢ and 1976, 10.4¢; Class II 1977, 11.6¢ and 1976, 10.4¢; Class III 1977, 11.6¢ and 1976, 10.4¢; Blend 1977, 11.6¢ and 1976, 10.4¢. 33/ Little Rock. 34/ Oklahoma City. 35/ Wichita Falls, Texas. 36/ Amarillo. 37/ Monroe and Shreveport. 38/ Zone I (New Orleans). 39/ Zone I (Dallas). Class I price at Houston, plus 36 cents. 40/ Denver. 41/ Salt Lake City, Utah. 42/ Grand Junction. 43/ Phoenix. 44/ Albuquerque, Santa Fe, and El Paso. 45/ Las Vegas, Nevada. 46/ District I (Seattle). 47/ Spokane, Washington. 48/ Portland. 49/ A weighted average price for milk in excess of Class I needs, calculated as follows: (producer deliveries used in Class II times the Class II price) plus (producer deliveries used in Class III times the Class III price) divided by (total producer deliveries in excess of Class I needs).

TABLE 3.—FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.B.  
MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES <sup>1/</sup>

MARKETING AREA	CLASS I *		CHANGE		BLEND *	
	1977	1976	1977	1976	1977	1976
	DOLLARS PER 100 POUNDS					
1977 OVER 1976						
NEW ENGLAND						
NEW ENGLAND 2/	11.40	11.63	0.23-	10.29	10.42	0.13-
AVERAGE 2/	11.40	11.63	.23-	10.29	10.42	.13-
MIDDLE ATLANTIC						
NEW YORK-NEW JERSEY	11.07	11.29	.22-	9.76	9.90	.14-
MIDDLE ATLANTIC	11.20	11.43	.23-	10.03	10.26	.23-
AVERAGE 2/	11.12	11.35	.23-	9.86	10.03	.17-
SOUTH ATLANTIC						
TAMPA BAY	11.36	11.60	.24-	11.28	11.42	.14-
SOUTHEASTERN FLORIDA	11.57	11.80	.23-	11.57	11.65	.08-
UPPER FLORIDA	11.27	11.49	.22-	11.34	11.36	.02-
GEORGIA	10.73	10.95	.22-	10.26	10.45	.19-
AVERAGE 2/	11.14	11.36	.22-	10.91	11.04	.13-
EAST NORTH CENTRAL						
EASTERN GROUP						
SOUTHERN MICHIGAN	10.02	10.25	.23-	9.36	9.54	.18-
EASTERN OHIO-WESTERN PA.	10.27	10.50	.23-	9.46	9.61	.15-
OHIO VALLEY	10.13	10.35	.22-	9.48	9.63	.15-
AVERAGE 3/	10.14	10.36	.22-	9.43	9.59	.16-
WESTERN GROUP						
MICHIGAN UPPER PENINSULA	9.78	10.00	.22-	9.21	9.31	.10-
CHICAGO REGIONAL	9.69	9.91	.22-	9.02	9.10	.08-
LOUISVILLE-LXGTON-EVNSVILLE	10.13	10.15	.02-	9.42	9.45	.03-
INDIANA	9.88	10.12	.24-	9.39	9.53	.14-
SOUTHERN ILLINOIS	9.95	10.18	.23-	9.38	9.53	.15-
CENTRAL ILLINOIS	9.82	10.05	.23-	9.31	9.35	.04-
AVERAGE 3/	9.82	10.02	.20-	9.14	9.23	.09-
WEST NORTH CENTRAL						
NORTHERN GROUP						
UPPER MIDWEST 4/	9.55	9.76	.21-	8.90	8.94	.04-
EASTERN SOUTH DAKOTA	9.83	10.10	.27-	9.19	9.29	.10-
BLACK HILLS	10.39	10.59	.20-	9.45	9.53	.08-
IOWA 5/	9.81	10.00	.19-	9.19	9.34	.15-
NEBRASKA - WESTERN IOWA	10.02	10.25	.23-	9.23	9.36	.13-
AVERAGE 3/	10.00	10.24	.24-	9.23	9.35	.12-

Continued

TABLE 3.—FEDERAL ORDER MINIMUM CLASS I AND BLEND PRICES FOR MILK OF 3.5 PERCENT BUTTERFAT CONTENT, F.C.8.  
MARKET OR OTHER INDICATED POINT, JANUARY - OCTOBER, AVERAGES 1/-CON

MARKETING AREA	CLASS I *			BLEND *		
	1977	1976	CHANGE 1977 OVER 1976	1977	1976	CHANGE 1977 OVER 1976
COLLARS PER 100 POUNDS						
WEST NORTH CENTRAL -CON.						
SOUTHERN GROUP						
ST LOUIS - CZARKS	10.02	10.25	0.23-	9.41	9.55	0.14-
GREATER KANSAS CITY	10.16	10.40	.24-	9.38	9.55	.17-
NECSHO VALLEY	10.08	10.31	.23-	9.92	10.09	.17-
WICHITA	10.23	10.45	.22-	9.50	9.61	.11-
AVERAGE 2/	10.08	10.32	.24-	9.41	9.56	.15-
EAST SOUTH CENTRAL						
SOUTHERN GROUP						
PAUCAH	10.12	10.35	.23-	9.71	9.95	.24-
NASHVILLE	10.28	10.23	.05	9.49	9.48	.01
MEMPHIS	10.36	10.60	.24-	10.06	10.28	.22-
TENNESSEE VALLEY 6/	10.53	10.72	.19-	10.04	10.18	.14-
AVERAGE 2/	10.29	10.39	.10-	9.69	9.78	.09-
WEST SOUTH CENTRAL						
SOUTHERN GROUP 7/						
CENTRAL ARKANSAS	10.37	10.59	.22-	10.03	10.30	.27-
OKLAHOMA METROPOLITAN	10.41	10.63	.22-	9.75	9.84	.09-
RED RIVER VALLEY	10.61	10.88	.27-	9.99	10.18	.19-
TEXAS PANHANDLE	10.68	10.89	.21-	10.03	10.41	.38-
LLEBOCK - PLAINVIEW	10.85	11.07	.22-	10.47	10.64	.17-
AVERAGE 2/	10.46	10.69	.23-	9.89	10.06	.17-
SOUTHERN GROUP						
GREATER LOUISIANA	10.89	11.05	.16-	10.52	10.59	.07-
NEW ORLEANS-MISSISSIPPI	11.27	11.44	.17-	10.54	10.58	.04-
TEXAS	10.75	10.97	.22-	10.16	10.30	.14-
AVERAGE 2/	10.75	10.97	.22-	10.16	10.30	.14-
MOUNTAIN						
EASTERN COLORADO						
GREAT BASIN	10.73	10.95	.22-	10.16	10.30	.14-
WESTERN COLORADO	10.33	10.54	.21-	9.53	9.64	.11-
CENTRAL ARIZONA	10.43	10.64	.21-	9.95	10.00	.05-
RIC GRANDE VALLEY	10.95	11.17	.22-	10.03	10.14	.11-
LAKE MEAD	10.78	11.00	.22-	10.26	10.43	.17-
AVERAGE 2/	10.03	10.24	.21-	9.66	9.76	.10-
PACIFIC	10.67	10.89	.22-	9.95	10.08	.13-
PACIFIC						
PLCET SOUND	10.28	10.49	.21-	9.30	9.24	.06-
INLAND EMPIRE	10.38	10.60	.22-	9.45	9.62	.17-
OREGON - WASHINGTON	10.38	10.60	.22-	9.60	9.69	.09-
AVERAGE 2/	10.34	10.55	.21-	9.44	9.51	.07-
41- MARKET AVERAGE 2/ 7/	10.57	10.78	.21-	9.68	9.81	.13-
ALL-MARKET AVERAGE 7/	10.53	10.74	.21-	9.61	9.76	.15-

\* All averages are weighted.

1/ See footnotes on table 2 for location at which price is reported.

2/ For the period January through March 1976 the prices represent weighted averages for the two merged markets.

3/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Iowa, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

4/ For the period January-May 1976, the prices represent weighted averages for the four merged markets.

5/ For the periods January-April 1977 and January to date 1976, the prices represent weighted averages for the four merged markets.

6/ For the period January-September, the prices represent weighted averages for the three merged markets.

7/ Excludes Fort Smith. Fewer than three handlers.



TABLE 4.-NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS, TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, OCTOBER

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	OCT 1977	CHANGE FROM OCT 1976	OCT 1977	OCT 1976	CHANGE FROM OCT 1976	OCT 1977	OCT 1976	OCT 1977	OCT 1976
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
NEW ENGLAND									
NEW ENGLAND	7,969	212-	408,161	400,574	1.9	3.77	3.75	1,652	1,579
AVERAGE OR TOTAL 1/	7,969	212-	408,161	400,574	1.9	3.77	3.75	—	—
MIDDLE ATLANTIC									
NEW YORK-NEW JERSEY	18,603	757-	766,976	741,476	3.4	3.68	3.72	1,330	1,235
MIDDLE ATLANTIC	7,941	26-	468,238	452,853	3.4	3.74	3.77	1,902	1,834
AVERAGE OR TOTAL 1/	26,544	783-	1,235,214	1,194,329	3.4	3.70	3.74	—	—
SOUTH ATLANTIC									
TAMPA BAY	116	10-	40,809	43,792	6.8-	3.56	3.49	10,305	10,948
SOUTHEASTERN FLORIDA	116	0	65,525	64,204	2.0	3.63	3.57	18,217	18,015
SUFFER FLORIDA	181	0	53,280	54,183	1.7-	3.58	3.49	9,783	9,394
GEORGIA	1,341	91	127,529	121,895	4.6	3.73	3.75	3,068	3,146
AVERAGE OR TOTAL 1/	1,754	81	287,143	284,074	1.1	3.66	3.62	—	—
EAST NORTH CENTRAL									
EASTERN GROUP									
SOUTHERN MICHIGAN	6,768	252-	354,879	342,000	3.6	3.74	3.75	1,691	1,572
EASTERN OHIO-WESTERN PA.	7,247	329-	275,360	275,725	1.6-	3.71	3.77	1,226	1,191
OHIO VALLEY	6,720	393	281,109	247,612	13.5	3.76	3.77	1,349	1,262
AVERAGE OR TOTAL 1/	20,735	188-	911,348	865,337	4.8	3.74	3.76	—	—
WESTERN GROUP									
MICHIGAN UPPER PENINSULA	191	12-	6,350	6,950	8.6-	3.75	3.75	1,072	1,104
CHICAGO REGIONAL	16,673	387-	776,733	753,665	3.1	3.83	3.82	1,503	1,425
LSVILLE-LXGTON-EVNSVILLE	2,300	18	95,211	95,814	.6-	3.72	3.76	1,335	1,354
INDIANA	3,080	926-	133,072	175,474	24.2-	3.86	3.84	1,394	1,413
SOUTHERN ILLINOIS	1,877	118-	84,044	87,355	3.8-	3.80	3.77	1,444	1,412
CENTRAL ILLINOIS	478	20-	21,020	22,205	5.2-	3.84	3.82	1,419	1,438
AVERAGE OR TOTAL 1/	24,599	1,445-	1,116,430	1,141,463	2.2-	3.82	3.81	—	—
WEST NORTH CENTRAL									
NORTHERN GROUP									
SUFFER MIDWEST	13,322	428	536,988	490,574	9.5	3.78	3.79	1,300	1,227
EASTERN SOUTHWEST	482	11	22,660	22,867	.9-	3.72	3.71	1,550	1,576
BLACK HILLS	98	3-	5,389	5,280	2.1	3.84	3.79	2,196	2,021
ICWA 2/	3,133	492	134,069	110,690	21.1	3.83	3.80	1,393	1,367
NEBRASKA - WESTERN IOWA	1,548	224-	83,474	94,234	11.4-	3.75	3.76	1,773	1,757
AVERAGE OR TOTAL 1/	2,128	216-	111,523	122,381	8.9-	3.75	3.75	—	—

Continued

TABLE 4--NUMBER OF PRODUCERS DELIVERING MILK TO HANDLERS REGULATED UNDER FEDERAL ORDERS. TOTAL DELIVERIES, AND AVERAGE DAILY DELIVERIES PER PRODUCER, OCTOBER --CON.

MARKETING AREA	NUMBER OF PRODUCERS		PRODUCER DELIVERIES			AVERAGE BUTTERFAT PERCENTAGE OF MILK DELIVERIES		AVERAGE DAILY DELIVERIES PER PRODUCER	
	OCT 1977	CHANGE FROM OCT 1976	OCT 1977	OCT 1976	CHANGE FROM OCT 1976	OCT 1977	OCT 1976	OCT 1977	OCT 1976
	NUMBER		1,000 LBS.		PERCENT	PERCENT		POUNDS	
WEST NORTH CENTRAL --CON.									
SOUTHERN GROUP									
ST LOUIS - CZARKS	3,065	125	147,043	141,359	4.0	3.71	3.77	1,548	1,551
GREATER KANSAS CITY	1,521	188-	72,564	83,377	13.0-	3.74	3.74	1,610	1,593
NECSHO VALLEY	46	13	703	565	24.4	3.76	3.78	1,761	1,483
WICHITA	456	24-	22,555	25,594	11.9-	3.71	3.73	2,045	2,080
AVERAGE OR TOTAL 1/	5,088	74-	242,865	250,895	3.2-	3.72	3.76	—	—
EAST SOUTH CENTRAL									
PACUHAN	225	0	10,682	11,147	4.2-	3.87	3.89	1,532	1,598
NASHVILLE	807	105-	43,607	49,510	11.9-	3.74	3.78	1,743	1,751
MEMPHIS	480	144-	24,609	27,909	11.8-	3.75	3.70	2,273	2,208
TENNESSEE VALLEY	1,709	86-	95,593	95,240	.4	3.80	3.83	1,804	1,712
AVERAGE OR TOTAL 1/	1,512	249-	78,898	88,566	10.9-	3.76	3.77	—	—
WEST SOUTH CENTRAL									
NORTHERN GROUP									
CENTRAL ARKANSAS-FORT SMITH 3/	721	6	32,561	30,473	6.8	3.62	3.63	2,019	1,878
OKLAHOMA METROPOLITAN	1,193	278-	61,536	63,235	2.7-	3.63	3.67	1,988	1,924
RED RIVER VALLEY	233	115-	9,943	15,429	35.6-	3.61	3.61	1,925	1,955
TEXAS PANHANDLE	134	45-	7,544	7,174	5.2	3.49	3.51	3,084	2,655
LLEBOCK - PLAINVIEW	55	31-	6,385	6,649	4.0-	3.47	3.54	5,640	4,412
AVERAGE OR TOTAL 1/	2,336	463-	117,969	122,960	4.0-	3.61	3.64	—	—
SOUTHERN GROUP									
GREATER LOUISIANA	913	145	51,413	51,312	.2	3.77	3.86	1,817	2,155
NEW ORLEANS-MISSISSIPPI	1,668	154	80,883	76,732	5.4	3.79	3.90	1,564	1,635
TEXAS	3,487	86-	288,795	275,491	4.8	3.62	3.70	2,672	2,487
AVERAGE OR TOTAL 1/	3,487	86-	288,795	275,491	4.8	3.62	3.70	—	—
MOUNTAIN									
EASTERN COLGRACC	1,044	37-	71,064	65,615	2.1	3.65	3.69	2,196	2,077
GREAT BASIN	771	2-	61,561	59,298	3.8	3.60	3.67	2,576	2,475
WESTERN COLGRACC	100	32	5,877	4,427	32.8	3.65	3.72	1,896	2,100
CENTRAL ARIZONA	157	5-	70,839	67,614	4.8	3.57	3.60	15,447	14,616
RIC GRANDE VALLEY	189	36-	35,567	34,128	4.2	3.45	3.47	8,713	8,473
LAKE MEAD	36	4-	11,723	10,940	7.2	3.29	3.56	10,504	8,823
AVERAGE OR TOTAL 1/	2,297	52-	256,631	246,022	4.3	3.57	3.62	—	—
PACIFIC									
PACIFIC SOUND	1,237	23-	141,820	131,399	7.9	3.78	3.71	3,698	3,402
INLAND EMPIRE	327	10	23,130	20,880	10.8	3.81	3.82	2,300	2,125
OREGON - WASHINGTON	1,009	5	118,563	107,255	10.5	3.65	3.84	3,791	3,446
AVERAGE OR TOTAL 1/	2,573	8-	283,513	259,534	9.2	3.81	3.77	—	—
42- MARKET AVG. OR TOTAL 1/	101,022	3,695-	5,338,490	5,255,626	1.6	3.73	3.75	1,705	1,619
ALL MARKET AVG. OR TOTAL	121,767	2,562-	6,237,436	6,080,174	2.6	3.74	3.76	1,652	1,578

1/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Iowa, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

2/ Data for the previous year represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 5.-PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL ORDERS, OCTOBER

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I		CHANGE FROM		% USED IN CL. I		GROSS CLASS I *		DELIVERIES AS % OF GR. CL. I	
	CCT 1977	OCT 1976	CCT 1976	OCT 1976	OCT 1977	OCT 1976	OCT 1977	OCT 1976	CCT 1977	OCT 1976
	1,000 POUNDS		PERCENT	PERCENT	1,000 LBS	PERCENT	PERCENT			
NEW ENGLAND										
NEW ENGLAND	255,335	257,050	0.7-	62	64	256,088	0.7-	159	155	
AVERAGE OR TOTAL 1/	255,335	257,050	.7-	62	64	---	---	---	---	---
MIDDLE ATLANTIC										
NEW YORK-NEW JERSEY	394,567	398,575	1.0-	51	54	394,568	1.0-	194	186	
MIDDLE ATLANTIC	278,794	278,507	.1	60	62	255,989	0	158	153	
AVERAGE OR TOTAL 1/	673,361	677,082	.5-	54	57	---	---	---	---	---
SOUTH ATLANTIC										
TAMPA BAY	37,787	39,257	3.7-	92	90	41,013	.7	100	108	
SOUTHEASTERN FLORIDA	60,402	57,962	4.2	92	90	61,861	5.1	106	109	
UPPER FLORIDA	50,581	50,335	.5	95	93	54,743	5.3	97	104	
GEORGIA	104,512	100,679	3.8	82	82	108,611	4.8	117	118	
AVERAGE OR TOTAL 1/	253,282	248,233	2.0	88	87	---	---	---	---	---
EAST NORTH CENTRAL										
EASTERN GROUP										
SOUTHERN MICHIGAN	197,291	202,520	2.6-	56	59	157,547	2.7-	180	168	
EASTERN OHIO-WESTERN PA.	180,923	186,625	3.0-	66	67	181,141	3.2-	152	149	
OHIO VALLEY	181,629	165,429	9.8	65	67	194,760	16.5	144	148	
AVERAGE OR TOTAL 1/	559,843	554,574	1.0	61	64	---	---	---	---	---
WESTERN GROUP										
MICHIGAN UPPER PENINSULA	4,223	4,622	8.6-	66	66	4,664	12.2-	136	131	
CHICAGO REGIONAL	270,002	269,598	.1	35	36	270,219	.1-	287	279	
LSVILLE-LNGTON-EVNSVILLE	64,322	65,214	1.4-	68	68	64,737	2.0-	147	145	
INDIANA	93,349	123,986	24.7-	70	71	103,152	20.7-	129	135	
SOUTHERN ILLINOIS	51,640	53,113	2.8-	61	61	53,581	1.1-	157	161	
CENTRAL ILLINOIS	14,671	13,649	7.5	70	61	16,441	18.4	128	160	
AVERAGE OR TOTAL 1/	498,207	530,182	6.0-	45	46	---	---	---	---	---
WEST NORTH CENTRAL										
NORTHERN GROUP										
UPPER MIDWEST	133,665	138,352	3.4-	25	28	133,856	3.9-	401	352	
EASTERN SOUTH DAKOTA	12,640	12,133	4.2	56	53	13,125	7.1	173	187	
BLACK HILLS	3,522	3,404	3.5	65	64	3,603	2.3	150	150	
ICWA 2/	67,261	62,227	8.1	50	56	67,934	7.3	197	175	
NEBRASKA & WESTERN IOWA	47,249	49,798	5.1-	57	53	47,861	3.9-	174	189	
AVERAGE OR TOTAL 1/	63,411	65,335	2.9-	57	53	---	---	---	---	---

Continued

TABLE 5.- PRODUCER MILK DELIVERIES USED IN CLASS I AND GROSS CLASS I SALES BY HANDLERS REGULATED UNDER FEDERAL CROERS, OCTOBER -CON.

MARKETING AREA	PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I		GROSS CLASS I*		DELIVERIES AS % OF GR. CL. I	
	CCT 1977	OCT 1976	CHANGE FROM CCT 1976	OCT 1977	OCT 1976	OCT 1977	OCT 1976	OCT 1977	OCT 1976
	1,000 POUNDS		PERCENT	PERCENT		1,000 LBS	PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.									
SCUTHERN GROUP									
ST LOUIS - CZARKS	98,671	104,339	5.4-	67	74	103,192	4.6-	142	131
GREATER KANSAS CITY	47,500	48,067	1.2-	65	58	48,968	.3	148	171
NECSHO VALLEY	668	535	24.8	95	95	762	40.8	92	104
WICHITA	17,535	17,195	2.0	78	67	20,032	10.9	112	142
AVERAGE OR TOTAL 1/	164,374	170,136	3.4-	68	68	---	---	---	---
EAST SOUTH CENTRAL									
PALUCAH	8,330	8,750	4.8-	78	78	8,330	6.4-	128	125
NASHVILLE	28,926	32,036	5.7-	66	65	29,144	9.6-	150	154
MEMPHIS	20,598	24,187	14.8-	84	87	26,614	3.2-	92	102
TENNESSEE VALLEY	75,640	75,678	0	79	79	76,976	1.6	124	126
AVERAGE OR TOTAL 1/	57,854	64,973	11.0-	73	73	---	---	---	---
WEST SOUTH CENTRAL									
ACRTHERN GROUP									
CENTRAL ARKANSAS -FORT SMITH 2/	29,989	27,772	8.0	92	91	38,241	30.6	85	104
OKLAHOMA METROPOLITAN	50,727	44,934	12.9	82	71	52,822	13.2	116	136
RED RIVER VALLEY	7,830	12,848	39.0-	79	83	7,832	39.1-	127	120
TEXAS PANHANDLE	6,730	6,426	4.7	89	90	6,730	4.7	112	112
LLEBOCK - PLAINVIEW	5,906	5,847	1.0	92	88	5,906	.7-	108	112
AVERAGE OR TOTAL 1/	101,182	97,827	3.4	86	80	---	---	---	---
SCUTHERN GROUP									
GREATER LOUISIANA	44,869	44,341	1.2	87	86	49,498	7.4	104	111
NEW ORLEANS-MISSISSIPPI	63,989	65,603	2.5-	79	85	70,928	1.6	114	110
TEXAS	233,190	217,245	7.3	81	79	234,932	7.2	123	126
AVERAGE OR TOTAL 1/	233,190	217,245	7.3	81	79	---	---	---	---
MOUNTAIN									
EASTERN COLCRACC	51,978	50,796	2.3	73	73	56,038	2.6	127	127
GREAT BASIN	37,785	35,407	6.7	61	60	38,911	5.5	158	161
WESTERN COLCRACC	5,292	3,933	34.6	90	89	5,427	34.4	108	110
CENTRAL ARIZONA	48,051	44,225	8.6	68	65	48,051	8.6	147	153
RIC GRAND VALLEY	28,715	27,612	4.0	81	81	28,722	3.8	124	123
LAKE MEAD	8,042	7,134	12.7	69	65	8,064	10.5	145	150
AVERAGE OR TOTAL 1/	179,863	169,107	6.4	70	69	---	---	---	---
PACIFIC									
PLCET SOUND	60,934	55,574	9.6	43	42	63,629	8.0	223	223
INLAND EMPIRE	12,166	12,439	2.2-	52	60	12,410	.6-	186	167
OREGON - WASHINGTON	72,088	66,012	9.2	61	62	77,733	11.0	152	153
AVERAGE OR TOTAL 1/	145,188	134,025	8.3	51	52	---	---	---	---
42- MARKET AVG. OR TOTAL 1/	3,185,090	3,185,769	0	60	61	---	---	---	---
ALL- MARKET AVG. OR TOTAL	3,570,514	3,571,970	0	57	59	---	---	---	---

1/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Iowa, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

2/ Data for the previous year represent the summation of the four orders merged to form Iowa.

3/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, October and year to date, with comparisons 1/

Marketing area	: Producer Deliveries : % Used				: Producer Deliveries: % Used			
	: used in Class II :		: in Cl. II :		: used in Class II :		: in Cl. II :	
	Oct.	Oct.	Oct.	Oct.	Cum.*	Cum.*	Cum.*	Cum.*
	1977	1976	1977	1976	1977	1976	1977	1976
	: 1,000 lb. :		: Percent :		: 1,000 lb. :		: Percent :	
SOUTH ATLANTIC								
Georgia	9,650	6,722	7.6	5.5	87,959	83,555	6.9	6.7
EAST NORTH CENTRAL								
Eastern Group								
Southern Michigan	21,297	22,806	6.0	6.7	232,886	243,330	6.7	7.2
Eastern Ohio-Western Pa.	17,411	17,400	6.3	6.2	182,383	183,443	6.2	6.2
Ohio Valley	20,916	20,194	7.4	8.2	220,417	216,635	8.4	8.6
Western Group								
Chicago Regional	91,951	89,389	11.8	11.9	973,931	955,086	11.4	11.6
Louis.-Lex.-Evans.	6,420	4,949	6.7	5.2	65,985	57,124	6.5	5.6
Indiana	14,944	21,529	11.2	12.3	234,036	255,811	13.3	14.1
Southern Illinois	9,656	9,560	11.5	10.9	105,237	107,377	11.3	11.4
Central Illinois	890	1,029	4.2	4.6	12,035	13,101	5.5	6.3
WEST NORTH CENTRAL								
Northern Group								
Upper Midwest 2/	19,338	21,633	3.6	4.4	224,210	215,055	3.8	5.0
Eastern South Dakota	2,748	3,309	12.1	14.5	31,463	34,641	12.6	14.2
Iowa 3/	9,550	9,309	7.1	8.4	107,691	101,082	7.6	8.6
Nebraska-Western Iowa	9,932	9,246	11.9	9.8	56,174	107,655	6.0	11.3
Southern Group								
St. Louis-Osarks	18,534	15,678	12.6	11.1	208,783	194,353	13.8	13.8
Greater Kansas City	10,074	11,769	13.9	14.1	129,173	153,192	15.5	16.6
Neosho Valley	13	11	1.8	1.9	123	127	2.3	2.2
Wichita	2,791	2,282	12.4	8.9	27,577	24,220	9.4	8.4
EAST SOUTH CENTRAL								
Paducah	1,420	1,110	13.3	10.0	11,958	11,660	11.9	10.7
Nashville	2,161	1,801	5.0	3.6	24,450	21,765	4.9	4.4
Memphis	2,753	2,484	11.2	8.9	87,575	25,993	10.6	10.3
Tennessee Valley	8,341	7,732	7.7	8.1	96,798	30,757	9.9	3.4

Continued



Table 6.—Producer milk deliveries used in Class II by handlers regulated under those Federal orders which have three classes of utilization, October and year to date with comparisons 1/ -Con..

Marketing area	Producer Deliveries		% Used		Producer Deliveries		% Used	
	used in Class II		in Cl. II		used in Class II		in Cl. II	
	Oct.	Oct.	Oct.	Oct.	Cum.*	Cum.*	Cum.*	Cum.*
	1977	1976	1977	1976	1977	1976	1977	1976
	1,000 lb.		Percent		1,000 lb.		Percent	
WEST SOUTH CENTRAL								
Northern Group								
Central Arkansas- Fort Smith <u>4/</u>	1,993	1,595	6.1	5.2	21,078	15,633	6.6	5.2
Oklahoma Metropolitan	7,634	10,872	12.4	17.2	93,713	95,837	13.3	14.0
Red River Valley	1,275	1,848	12.8	12.0	15,527	17,044	13.9	13.1
Texas Panhandle	694	588	9.2	8.2	6,804	6,721	7.7	9.0
Lubbock-Plainview	279	174	4.4	2.6	2,563	2,790	4.1	4.3
Southern Group								
Greater Louisiana	2,601	2,708	5.1	5.3	31,280	27,420	6.0	6.4
New Orleans-Mississippi	8,829	5,126	10.9	6.7	94,549	71,638	10.2	9.0
Texas	32,432	31,099	11.2	11.3	348,959	353,133	12.1	12.2
MOUNTAIN								
Eastern Colorado	7,118	6,761	10.0	9.7	75,305	73,054	11.1	10.7
Great Basin	3,626	3,678	5.9	6.2	41,061	40,732	6.3	6.6
Western Colorado	0	0	0	0	0	967	0	2.0
Central Arizona	9,919	9,173	14.0	13.6	97,891	96,813	13.5	13.6
Rio Grande Valley	5,067	4,037	14.2	11.8	49,002	44,884	14.0	13.1
Lake Mead	598	652	5.1	6.0	6,432	5,832	5.7	5.3
PACIFIC								
Puget Sound	16,010	16,061	11.3	12.2	180,587	180,959	12.8	13.7
Inland Empire	2,233	2,265	9.7	10.8	24,791	23,696	10.5	11.2
Oregon-Washington	12,752	13,063	10.8	12.2	144,888	146,404	12.2	13.3

\* Year to date.

1/ Excludes Southeastern Florida; Class III only applies to the skim milk portion of all milk disposed of for fertilizer or livestock feed or dumped.

2/ The cumulative data for the period January-May 1976 represent the summation of the four orders merged to form Upper Midwest.

3/ The data for October 1976, January-October 1976, and January-May 1977, represent the summation of the four orders merged to form Iowa.

4/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 7.-PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I  
JANUARY - OCTOBER

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1977	1976	CHANGE 1977 OVER 1976	1977	1976	CHANGE 1977 OVER 1976	1977	1976
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
NEW ENGLAND								
NEW ENGLAND	4,189,630	4,222,158	0.4-	2,428,721	2,453,974	0.7-	58	58
TOTAL 1/	4,189,630	4,222,158	.4-	2,428,721	2,453,974	.7-	58	58
MIDDLE ATLANTIC								
NEW YORK-NEW JERSEY	8,112,221	8,043,103	1.2	3,760,096	3,874,043	2.6-	46	48
MIDDLE ATLANTIC	4,725,667	4,490,556	5.6	2,706,221	2,706,645	.3	57	60
TOTAL 1/	12,837,888	12,533,659	2.8	6,466,317	6,580,688	1.4-	50	52
SOUTH ATLANTIC								
TAMPA BAY	450,785	447,838	1.0	392,427	387,482	1.6	87	86
SOUTHEASTERN FLORIDA	627,821	650,459	3.1-	568,317	572,491	.4-	90	98
UPPER FLORIDA	558,535	567,445	1.2-	515,621	496,590	4.2	92	88
GEORGIA	1,268,759	1,240,684	2.6	986,813	976,486	1.4	78	79
TOTAL 1/	2,905,900	2,906,426	.3	2,463,178	2,433,049	1.6	85	84
EAST NORTH CENTRAL								
EASTERN GROUP								
SOUTHERN MICHIGAN	3,498,803	3,366,238	4.3	1,855,222	1,926,789	3.4-	53	57
EASTERN OHIO-WESTERN PA.	2,954,977	2,948,812	.5	1,735,645	1,761,452	1.1-	59	60
OHIO VALLEY	2,622,588	2,527,432	4.1	1,583,843	1,569,342	1.2	60	62
TOTAL 1/	9,076,368	8,842,482	3.0	5,174,710	5,257,583	1.3-	57	59
WESTERN GROUP								
MICHIGAN UPPER PENINSULA	70,588	76,715	7.7-	40,447	42,570	4.7-	57	55
CHICAGO REGIONAL	8,532,440	8,253,110	3.7	2,520,175	2,591,620	2.0-	30	31
LESLIE-LEWISTON-ELMSTON	1,014,200	1,021,314	.4-	612,364	628,686	2.2-	60	62
INDIANA	1,762,020	1,811,523	2.4-	1,144,680	1,167,133	1.6-	65	64
SOUTHERN ILLINOIS	528,029	944,487	1.4-	482,960	508,648	4.7-	52	54
CENTRAL ILLINOIS	217,369	209,439	4.1	132,742	114,878	15.9	61	55
TOTAL 1/	12,524,646	12,316,588	2.0	4,933,368	5,043,535	1.9-	39	41
WEST NORTH CENTRAL								
NORTHERN GROUP								
UPPER MIDWEST 2/	5,871,235	4,273,338	37.8	1,279,418	1,226,615	4.6	22	29
EASTERN SOUTH CENTRAL	248,987	244,320	2.2	111,314	112,986	1.2-	45	46
BLACK HILLS	62,377	60,591	3.2	30,763	31,273	1.3-	49	52
IOWA 3/	1,418,599	1,174,069	21.2	614,125	595,420	3.5	43	51
NEBRASKA - WESTERN IOWA	928,970	949,936	1.9-	452,859	463,413	2.0-	49	49
TOTAL 1/	1,240,334	1,254,847	.8-	594,936	607,672	1.8	48	48

Continued

TABLE 7.-PRODUCER MILK DELIVERIES TO HANDLERS REGULATED UNDER FEDERAL ORDERS AND DELIVERIES USED IN CLASS I  
JANUARY - OCTOBER -CON.

MARKETING AREA	PRODUCER DELIVERIES			PRODUCER DELIVERIES USED IN CLASS I			% USED IN CL. I	
	1977	1976	CHANGE 1977 OVER 1976	1977	1976	CHANGE 1977 OVER 1976	1977	1976
	1,000 POUNDS		PERCENT	1,000 POUNDS		PERCENT	PERCENT	
WEST NORTH CENTRAL -CON.								
SOUTHERN GROUP								
ST LOUIS - CZARKS	1,514,325	1,413,334	7.5	1,002,343	940,036	7.0	66	66
GREATER KANSAS CITY	833,559	925,588	9.7-	423,043	473,853	10.4-	51	51
NECSHO VALLEY	5,333	5,851	8.5-	4,884	5,206	5.8-	92	89
WICHITA	292,836	289,405	1.5	169,981	166,610	2.4	58	58
TCTAL 1/	2,646,093	2,634,178	.8	1,600,251	1,585,705	1.3	60	60
EAST SOUTH CENTRAL								
SOUTHERN GROUP								
PAUCAH	100,194	109,266	8.0-	78,505	86,417	8.9-	78	79
NASHVILLE	500,219	494,014	1.6	273,166	275,318	.5-	55	56
MEMPHIS	260,983	251,516	4.1	219,420	216,133	1.9	84	86
TENNESSEE VALLEY 4/	973,253	912,135	7.0	718,029	694,537	3.7	74	76
TCTAL 1/	861,396	854,796	1.1	571,091	577,868	.9-	66	68
WEST SOUTH CENTRAL								
NORTHERN GROUP								
CENTRAL ARKANSAS-FORT SMITH 5/	317,715	302,535	5.4	265,848	266,327	.1	84	88
OKLAHOMA METROPOLITAN	706,611	684,058	3.6	452,969	422,835	7.5	64	62
RED RIVER VALLEY	111,695	130,441	14.1-	77,526	90,891	14.4-	69	70
TEXAS PANHANDLE	88,632	74,498	19.3	63,170	60,767	4.3	71	82
LLEBOCK - PLAINVIEW	63,150	65,008	2.5-	53,725	54,715	1.5-	85	84
TCTAL 1/	1,287,803	1,256,540	2.8	913,238	895,535	2.3	71	71
SOUTHERN GROUP								
GREATER LOUISIANA	522,975	429,097	22.1	439,851	353,646	24.6	84	82
NEW ORLEANS-MISSISSIPPI	930,913	800,032	16.6	659,955	545,332	21.2	71	68
TEXAS	2,885,676	2,905,825	.4-	2,150,087	2,116,843	1.9	74	73
TCTAL 1/	2,885,676	2,905,825	.4-	2,150,087	2,116,843	1.9	74	73
MOUNTAIN								
SOUTHERN GROUP								
EASTERN COLORADO	680,939	682,685	.1	498,838	491,994	1.7	73	72
GREAT BASIN	648,863	613,522	6.1	348,293	338,178	3.3	54	55
WESTERN COLORADO	61,696	49,156	25.9	45,131	34,613	30.8	73	70
CENTRAL ARIZONA	722,798	711,523	1.9	441,770	428,810	3.4	61	60
RIC GRAND VALLEY	351,009	341,950	3.0	273,120	266,621	2.8	78	78
LAKE MEAD	113,316	110,442	2.9	77,014	69,683	10.9	68	63
TCTAL 1/	2,578,621	2,509,278	3.1	1,684,156	1,629,899	3.7	65	65
PACIFIC								
SOUTHERN GROUP								
PLEET SOUND	1,407,658	1,320,749	6.9	566,387	531,656	6.9	40	40
INLAND EMPIRE	235,109	212,269	11.1	113,754	115,559	1.2-	48	54
OREGON - WASHINGTON	1,186,537	1,099,717	8.2	654,398	621,298	5.7	55	56
TCTAL 1/	2,829,304	2,632,735	7.8	1,334,539	1,268,513	5.5	47	48
42- MARKET TOTAL 1/	55,863,659	54,869,512	2.1	30,314,592	30,450,864	.1-	54	55
ALL MARKET TOTAL	65,580,634	62,458,183	5.3	34,025,970	33,866,414	.8	52	54

1/ Based on markets where orders were effective entire period, 1976-77, and which have had no significant marketing area expansions. Excludes Upper Midwest, Iowa, Tennessee Valley, Greater Louisiana, and New Orleans-Mississippi.

2/ For the period January-May 1976, the data represent the summation of the four orders merged to form Upper Midwest.

3/ For the periods January-April 1977 and January to date 1976, the data represent the summation of the four orders merged to form Iowa.

4/ For the period January-September 1976, the data represent the summation of the three orders merged to form Tennessee Valley.

5/ The data for the Central Arkansas and Fort Smith markets have been combined in order to mask restricted data.

TABLE 9.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1977 WITH COMPARISONS 1/

MARKETING AREA	WHOLE MILK ITEMS 2/				LOWFAT AND SKIM MILK ITEMS 3/				TOTAL			
	SEPTEMBER 1977		CHANGE 1977 FROM 1976		SEPTEMBER 1977		CHANGE 1977 FROM 1976		SEPTEMBER 1977		CHANGE 1977 FROM 1976	
	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE 4/	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE 4/
	MIL. LB.	PERCENT			MIL. LB.	PERCENT			MIL. LB.	PERCENT		
NEW ENGLAND	196.4	3.39	- 2.8	- 3.9	53.1	0.96	15.9	14.4	249.6	2.87	0.6	- 0.7
NEW ENGLAND 5/	196.4	3.39	- 2.8	- 3.9	53.1	.96	15.9	14.4	249.6	2.87	.6	- .7
MIDDLE ATLANTIC	180.2	3.31	- 2.8	- 4.2	70.5	1.27	9.3	9.0	250.6	2.74	.3	- .9
MIDDLE ATLANTIC	180.2	3.31	- 2.8	- 4.2	70.5	1.27	9.3	9.0	250.6	2.74	.3	- .9
SOUTH ATLANTIC	166.6	3.32	1.8	- 3.5	79.0	1.24	12.8	16.7	245.6	2.65	5.4	1.9
TAMPA BAY	31.3	3.31	1.3	- 1.0	12.6	1.12	16.2	16.4	43.9	2.68	5.2	3.2
SOUTHEASTERN FLORIDA	39.8	3.36	1.3	- 6.7	17.3	1.33	17.4	34.6	57.2	2.74	5.7	2.1
UPPER FLORIDA	38.2	3.28	.9	- 4.8	14.7	1.24	20.6	22.3	52.9	2.71	5.7	1.1
GEORGIA	57.3	3.32	3.1	- 1.5	34.3	1.24	8.7	7.5	91.6	2.54	5.1	1.7
EAST NORTH CENTRAL	632.7	3.29	- 3.4	- 4.4	407.8	1.56	7.1	5.5	1,040.6	2.61	.5	- .8
EASTERN GROUP												
SOUTHERN MICHIGAN	128.4	3.25	- 2.2	- 3.3	63.5	.97	4.7	3.5	191.9	2.50	0	- 1.1
E. OHIO - W. PA.	130.2	3.29	- 3.5	- 5.2	53.3	1.68	7.4	7.2	183.5	2.82	.6	- 2.0
OHIO VALLEY	110.0	3.27	- 2.8	- 5.5	68.1	1.67	9.4	8.5	178.1	2.66	1.5	- .7
WESTERN GROUP												
MICH. UPPER PENINSULA	4.7	3.35	- 14.8	- 9.0	3.8	1.68	27.6	14.4	8.4	2.61	0	- .1
CHICAGO REGIONAL	141.8	3.32	- 3.9	- 5.0	107.0	1.62	7.0	7.1	248.8	2.59	.5	- .1
LOUIS. - ILL. - EVANS	32.9	3.30	- 2.9	- 1.5	26.9	1.73	9.2	4.0	59.8	2.59	5.7	.9
INDIANA	51.5	3.31	- 7.4	- 3.6	52.1	1.72	3.3	.9	103.6	2.51	- 2.3	- 1.4
SOUTHERN ILLINOIS	22.7	3.33	- 5.3	- 1.2	23.1	1.75	10.8	2.4	45.8	2.53	2.2	.5
CENTRAL ILLINOIS	10.7	3.29	- 1.3	- 2.5	10.0	1.69	6.8	6.0	20.7	2.51	2.5	1.5
WEST NORTH CENTRAL	158.6	3.30	- 4.7	- 4.8	208.8	1.54	6.4	3.6	367.4	2.30	1.3	- .3
NORTHERN GROUP												
UPPER MIDWEST 6/	36.7	3.28	- 9.4	- 6.3	86.0	1.51	4.1	2.7	122.7	2.04	.4	- .2
EASTERN SOUTH DAKOTA 7/	3.8	3.29	- 1.1	- 3.3	5.9	1.81	8.4	8.4	9.7	2.38	4.5	3.7
BLACK HILLS	1.3	3.37	- 5.7	- 6.1	1.6	1.87	15.3	9.5	2.9	2.52	5.1	2.0
IOWA 8/	21.1	3.39	- 1.1	- 4.0	37.0	1.53	19.5	6.4	58.2	2.21	11.1	2.0
NEBRASKA - WESTERN IOWA	22.5	3.34	- 3.5	- 4.2	21.7	1.62	6.2	5.2	44.2	2.50	1.0	.1

Continued

TABLE 8.—WHOLE MILK AND LOWFAT AND SKIM MILK ITEMS SOLD IN MARKETING AREAS DEFINED BY FEDERAL MILK ORDERS FOR MARKETS WHERE SUCH INFORMATION IS AVAILABLE, SEPTEMBER 1977 WITH COMPARISONS 1/ -CON.

MARKETING AREA	WHOLE MILK ITEMS 2/					LOWFAT AND SKIM MILK ITEMS 3/					TOTAL				
	SEPTEMBER 1977		CHANGE 1977 FROM 1976			SEPTEMBER 1977		CHANGE 1977 FROM 1976			SEPTEMBER 1977		CHANGE 1977 FROM 1976		
	SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE 4/		SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE 4/		SALES	BUTTER-FAT CONTENT	SEP	YEAR TO DATE 4/	
	MIL. LB.		PERCENT			MIL. LB.		PERCENT			MIL. LB.		PERCENT		
WEST NORTH CENTRAL-CON.															
SOUTHERN GROUP															
ST. LOUIS - OZARKS	34.0	3.21	- 0.9	- 5.1		25.5	1.47	- 2.2	- 1.2		59.6	2.47	- 1.5	- 3.4	
GREATER KANSAS CITY	24.5	3.31	- 6.7	- 3.8		22.0	1.57	5.5	3.3		46.5	2.48	- 1.3	- .7	
NEOSHO VALLEY	4.4	3.33	- 15.7	- 3.0		2.1	1.38	- .6	12.1		6.4	2.70	- 11.4	1.5	
WICHITA	10.4	3.29	0	- 4.0		6.9	1.56	12.1	9.7		17.2	2.60	4.5	.9	
EAST SOUTH CENTRAL	78.1	3.33	4.4	0		47.9	1.52	6.6	2.8		126.0	2.64	5.2	1.0	
PAJUCAH	5.4	3.26	.5	- 3.8		2.6	1.46	11.4	8.3		7.9	2.67	3.8	- .3	
NASHVILLE	22.4	3.32	3.0	- 1.7		11.3	1.49	7.3	7.9		33.7	2.71	4.4	1.3	
MEMPHIS	13.6	3.36	- 1.6	- 1.6		6.3	1.21	3.4	6.0		19.9	2.68	.0	.7	
TENNESSEE VALLEY 9/	36.7	3.34	8.4	2.3		27.7	1.60	6.6	- .2		64.5	2.59	7.6	1.2	
WEST SOUTH CENTRAL	320.4	3.45	.3	0		97.8	1.37	12.3	6.5		418.2	2.96	2.9	1.4	
NORTHERN GROUP															
CENTRAL ARKANSAS	14.0	3.38	4.0	.6		6.0	1.58	13.3	7.6		20.0	2.84	6.8	2.6	
FORT SMITH	1.6	3.35	5.0	- 13.0		.6	1.33	24.7	8.5		2.2	2.81	9.6	- 8.1	
OKLAHOMA METROPOLITAN	27.2	3.30	.9	2.7		9.8	1.44	20.6	19.3		37.0	2.81	5.5	6.4	
RED RIVER VALLEY	10.5	3.37	- 4.1	- 1.1		2.0	1.21	9.4	2.8		12.5	3.03	- 2.2	- .5	
TEXAS PANHANDLE	5.9	3.43	- 3.5	- 4.8		1.3	1.49	12.5	8.3		7.3	3.07	- .9	- 2.7	
LUBBOCK - PLAINVIEW	4.7	3.37	- 13.0	- 5.1		1.7	1.47	51.8	12.2		6.4	2.87	- 2.1	- 2.1	
SOUTHERN GROUP															
GREATER LOUISIANA 7/	40.5	3.59	- 1.4	1.8		10.8	1.66	19.8	11.2		51.3	3.19	2.4	3.6	
NEW ORLEANS - MISSISSIPPI 7/	54.8	3.59	- 5.4	- 6.5		13.6	1.39	14.3	12.1		68.4	3.15	- 2.0	- 3.6	
TEXAS	161.1	3.40	3.3	2.0		52.1	1.26	8.0	2.4		213.2	2.87	4.4	2.1	
MOUNTAIN	105.6	3.38	2.0	- .8		77.3	1.70	14.3	10.7		183.0	2.67	6.9	3.7	
EASTERN COLORADO	26.2	3.36	.4	- 2.3		24.8	1.76	11.1	7.7		51.0	2.58	5.4	2.2	
GREAT BASIN	14.4	3.28	.4	1.4		22.1	1.89	6.4	5.1		36.6	2.44	3.9	3.6	
WESTERN COLORADO	2.3	3.33	12.6	7.0		1.6	1.82	33.5	26.0		3.9	2.73	20.1	13.9	
CENTRAL ARIZONA	29.6	3.51	3.5	- 1.4		18.4	1.44	23.6	16.6		48.0	2.72	10.3	4.5	
RIO GRANDE VALLEY	26.0	3.31	- .5	- 1.2		6.8	1.50	27.3	20.0		32.8	2.93	4.4	2.4	
LAKE MEAD	7.1	3.36	10.8	3.0		3.6	1.83	17.1	19.5		10.7	2.84	12.8	8.2	
PACIFIC	59.3	3.33	4.6	- 1.3		81.1	1.82	13.0	6.9		140.4	2.46	9.3	3.3	
PUGET SOUND	22.9	3.34	3.7	- 2.3		32.4	1.83	12.9	7.3		55.3	2.46	8.9	3.1	
INLAND EMPIRE	4.4	3.34	7.8	- .9		9.0	1.78	18.8	6.7		13.4	2.29	14.9	4.0	
OREGON - WASHINGTON	32.0	3.33	4.9	- .6		39.7	1.82	12.0	6.7		71.6	2.50	8.7	3.3	
COMBINED AREAS (46)	1,897.9	3.34	- 1.5	- 3.1		1,123.4	1.50	9.3	6.9		3,021.3	2.65	2.3	.3	
COMBINED AREAS ADJ. FOR CALENDAR COMPOSITION 10/	1,871.2	—	- 2.4	- 3.0		1,104.4	—	7.4	6.9		2,976.7	—	1.1	.4	
NEW YORK - NEW JERSEY 11/	—	—	—	—		—	—	—	—		414.5	—	1.3	- 2.4	

1/ In-area sales represent total sales in each of the areas by handlers regulated under the respective orders, by handlers regulated under other orders, by partially regulated handlers, and by producer-handlers. Sales routes of handlers may extend outside defined marketing areas; therefore, some handler in-area sales are partially estimated.

2/ Plain and flavored whole milk.

3/ Plain, fortified and flavored skim and lowfat milk and buttermilk.

4/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

5/ Sales represent the marketing area after the merger of Boston Regional and Connecticut, April 1, 1976.

6/ Represent combined sales for Duluth-Superior, Minneapolis-St. Paul, Minnesota-North Dakota, and Southeastern Minnesota-Northern Iowa, after the merger and expansion of June 1, 1976. Some data are estimated.

7/ Sales represent the marketing area after the expansion of Greater Louisiana and New Orleans-Mississippi, April 1, 1976; and Eastern South Dakota, June 1, 1976. Some data are estimated.

8/ Represents combined sales for North Central Iowa, Cedar Rapids-Iowa City, Quad Cities-Dubuque, and Des Moines prior to the merger and expansion of May 1, 1977. Some data are estimated.

9/ Represents combined sales for Appalachian, Knoxville, and Chattanooga, after the merger and expansion of October 1976. Some data are estimated.

10/ Figures adjusted to eliminate variations due to calendar composition. See special article in FMOS - 210, June 1977.

11/ Small amount of sales estimated.



Table 9.—Packaged sales of individual whole milk items, lowfat and skim milk items, in 46 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons 1/

Item	January				February				March				April			
	Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977		Change 1977	
	from 1976		from 1976		from 1976		from 1976		from 1976		from 1976		from 1976		from 1976	
	Year	to	Year	to	Year	to	Year	to	Year	to	Year	to	Year	to	Year	to
	Jan.	date	Jan.	date	Feb.	date	Feb.	date	Mar.	date	Mar.	date	Apr.	date	Apr.	date
	Percent		Percent		Percent		Percent		Percent		Percent		Percent		Percent	
	Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.		Mill. lb.	
Whole milk	1,856.3	- 6.1	- 6.1		1,663.3	- 0.5	- 3.5		1,847.3	- 4.3	- 3.8		1,762.0	- 4.1	- 3.9	
Flavored whole milk	81.1	-10.9	-10.9		82.5	- 2.4	- 6.8		98.2	- 1.3	- 4.8		86.2	- 1.6	- 4.1	
Total whole milk items	1,937.4	- 6.3	- 6.3		1,745.9	- .6	- 3.7		1,945.5	- 4.1	- 3.8		1,848.1	- 4.0	- 3.9	
Lowfat (2%) milk																
Plain	541.9	10.9	10.9		494.1	17.4	13.9		544.5	8.8	12.1		517.5	6.5	10.6	
Solids added	271.7	- 9.2	- 9.2		240.8	- 4.7	- 7.1		278.1	3.5	- 3.7		272.4	3.6	- 1.9	
Skim milk																
Plain	62.9	7.8	7.8		60.0	19.7	13.3		65.4	9.9	12.1		62.5	9.0	11.3	
Solids added	70.9	- 7.6	- 7.6		66.3	- 4.9	- 6.3		77.3	- 5.4	- 6.0		71.6	- 3.1	- 5.3	
Flavored milk drinks	78.6	14.8	14.8		82.0	29.5	21.8		97.3	24.3	22.8		85.0	19.4	21.9	
Buttermilk	56.3	- 1.2	- 1.2		51.4	2.9	.7		58.1	- .3	.3		57.4	- .3	.2	
Total lowfat and skim milk items	1,082.4	3.2	3.2		994.6	9.7	6.2		1,120.6	7.0	6.5		1,066.4	5.7	6.3	
Total	3,019.8	- 3.1	- 3.1		2,740.5	2.9	- .3		3,066.1	- .3	- .3		2,914.5	- .6	- .4	
Total adjusted for calendar composition 2/	3,069.9	.7	.7		2,740.5	- .5	.2		3,047.9	- .1	.1		2,860.7	- 1.0	- .2	

Continued

Table 9.—Packaged sales of individual whole milk items, lowfat and skdm milk items, in 46 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons 1/ —Con.

Item	May			June			July			August		
	Change 1977			Change 1977			Change 1977			Change 1977		
	Sales	from 1976	Year	Sales	from 1976	Year	Sales	from 1976	Year	Sales	from 1976	Year
	May	to	date 2/	June	to	date 2/	July	to	date 2/	August	to	date 2/
	Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent		Mil. lb.	Percent	
Whole milk	1,722.0	- 4.0	- 3.9	1,649.1	- 1.7	- 3.5	1,657.2	- 6.4	- 4.0	1,762.9	0.8	- 3.4
Flavored whole milk	91.0	2.3	- 2.8	53.4	9.3	- 1.6	46.3	- .1	- 1.5	56.1	- 1.1	- 1.5
Total whole milk items	1,813.0	- 3.7	- 3.8	1,702.4	- 1.4	- 3.5	1,703.5	- 6.3	- 3.8	1,819.0	.7	- 3.3
Lowfat (2%) milk												
Plain	503.3	9.7	10.5	488.4	11.8	10.7	492.1	7.7	10.3	518.3	13.5	10.6
Solids added	258.3	2.7	- 1.1	257.7	3.3	- .4	247.8	- 3.2	- .8	271.8	6.0	.1
Skim milk												
Plain	59.7	4.0	9.8	59.7	11.1	10.0	57.8	- 3.2	8.0	60.4	11.2	8.4
Solids added	70.8	- 6.7	- 5.6	65.4	- 5.2	- 5.5	68.1	0	- 4.8	72.6	13.1	- 2.8
Flavored milk drinks	91.3	25.9	22.7	51.8	18.2	22.2	41.7	2.0	20.3	51.1	14.1	19.8
Buttermilk	56.8	- 1.0	- .1	56.2	- 1.8	- .4	56.7	- 4.6	- 1.0	57.4	1.3	- .7
Total lowfat and skdm milk items	1,040.2	6.8	6.4	979.4	7.6	6.6	964.1	2.5	6.0	1,031.7	10.5	6.6
Total	2,853.2	- .1	- .4	2,681.8	1.7	0	2,667.6	- 3.3	- .5	2,850.6	4.1	.1
Total adjusted for calendar composition 3/	2,916.8	.4	- .1	2,672.2	1.6	.2	2,701.1	.1	.2	2,827.4	1.0	.3

Continued

Table 9.—Packaged sales of individual whole milk items, lowfat and skim milk items, in 46 selected marketing areas defined by Federal milk orders, January 1977 to date, with comparisons 1/ -Con.

Item	September					October					November					December				
	Change 1977					Change 1977					Change 1977					Change 1977				
	from 1976					from 1976					from 1976					from 1976				
	Sales	Year	to	date 2/	Percent	Sales	Year	to	date 2/	Percent	Sales	Year	to	date 2/	Percent	Sales	Year	to	date 2/	Percent
	Mil. lb.					Mil. lb.					Mil. lb.					Mil. lb.				
Whole milk	1,804.8	-	1.4	-	3.1															
Flavored whole milk	93.2	-	4.1	-	1.8															
Total whole milk items	1,897.9	-	1.5	-	3.1															
Lowfat (2%) milk																				
Plain	536.7		8.3		10.4															
Solids added	287.8		8.4		1.0															
Skim milk																				
Plain	64.0		13.2		9.0															
Solids added	73.3		6.9	-	1.8															
Flavored milk drinks	106.5		21.9		20.1															
Buttermilk	55.0		1.3	-	.5															
Total lowfat and skim milk items	1,123.4		9.3		6.9															
Total	3,021.3		2.3		.3															
Total adjusted for calendar composition 2/	2,976.7		1.1		.4															

1/ Excludes the New York-New Jersey market.

2/ Data for February 1976 adjusted to a 28-day basis before computing percentage changes.

3/ Figures are adjusted to eliminate variations due to calendar composition. See special article in FMOS - 210, June 1977.

TABLE 10.—PACKAGED SALES OF WHOLE MILK ITEMS, LOWFAT AND SKIM MILK ITEMS, MILK AND CREAM MIXTURES, CREAM ITEMS, AND TOTAL FLUID ITEMS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1977, WITH COMPARISONS 1/

REGION 2/	WHOLE MILK ITEMS 3/			LOWFAT AND SKIM MILK ITEMS 4/			MILK AND CREAM MIXTURES			CREAM ITEMS 5/			TOTAL FLUID ITEMS 6/		
	SALES	RF. CON- TENT	CHANGE 1977 FROM 1976.7/	SALES	RF. CON- TENT	CHANGE 1977 FROM 1976.7/	SALES	RF. CON- TENT	CHANGE 1977 FROM 1976.7/	SALES	RF. CON- TENT	CHANGE 1977 FROM 1976.7/	SALES	RF. CON- TENT	CHANGE 1977 FROM 1976.7/
	MIL. LB.	PERCENT		MIL. LB.	PERCENT		MIL. LB.	PERCENT		MIL. LB.	PERCENT		MIL. LB.	PERCENT	
NEW ENGLAND	197	3.38	- 2.8	54	.97	15.5	2.6	10.9	11.1	4.0	22.4	- 5.6	260	3.24	1.0
MIDDLE ATLANTIC	198	3.29	- 1.9	80	1.26	11.6	1.9	10.9	- 5.1	1.1	21.4	- 51.6	283	2.83	1.1
SOUTH ATLANTIC	175	3.32	1.0	79	1.25	15.6	1.8	10.6	5.7	1.1	22.9	9.3	259	2.81	5.4
EAST NORTH CENTRAL	640	3.28	- 3.7	414	1.56	6.6	10.1	10.9	2.6	9.9	17.6	- .1	1,079	2.81	- .2
WEST NORTH CENTRAL	191	3.30	- 2.4	237	1.56	8.4	4.7	11.1	- 3.4	3.8	21.8	2.1	438	2.60	2.7
EAST SOUTH CENTRAL	85	3.34	- 4.2	47	1.47	.9	1.0	11.0	- 7.5	0.8	22.8	5.1	134	2.86	- 2.7
WEST SOUTH CENTRAL	344	3.44	2.7	101	1.37	10.2	2.5	11.2	- .7	2.5	21.3	4.3	452	3.11	4.4
MOUNTAIN	102	3.36	2.6	78	1.71	15.1	1.9	11.5	6.4	1.7	22.2	4.4	186	2.91	7.6
PACIFIC	61	3.32	7.3	83	1.82	17.0	1.9	11.3	2.9	1.4	25.2	13.5	148	2.77	12.6
TOTAL OF REGIONS	1,992	3.33	- 1.3	1,174	1.50	9.9	28.3	11.0	1.9	26.3	20.5	- 3.6	3,239	2.87	2.5

1/ TOTAL PACKAGED DISPOSITION, IN AND OUT OF THE MARKETING AREA, BY REGULATED HANDLERS.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ PLAIN AND FLAVORED WHOLE MILK.

4/ PLAIN, FORTIFIED, AND FLAVORED SKIM AND LOWFAT MILK, AND BUTTERMILK.

5/ LIGHT, HEAVY, AND SOUR CREAM, AND CREAM OIPS.

6/ INCLUDES YOGURT AND EGGNOG.

7/ PERCENTAGE CHANGES OVER THE PREVIOUS YEAR ARE BASED ON THE SAME NUMBER OF COMPARABLE MARKETS. AS A RESULT, WEST NORTH CENTRAL EXCLUDES THE UPPER MIDWEST MARKET, EAST SOUTH CENTRAL EXCLUDES THE TENNESSEE VALLEY MARKET, AND WEST SOUTH CENTRAL EXCLUDES THE GREATER LOUISIANA AND NEW ORLEANS-MISSISSIPPI MARKETS. THESE MARKETS ALSO ARE EXCLUDED FROM THE TOTAL PERCENTAGE CHANGE.

Table 11.—Packaged sales of milk and cream mixtures, cream items, yogurt, and eggnog by handlers regulated under Federal order markets, for those markets where comparable data are available, January 1977 to date, with comparisons 1/

Item	January										February										March										April									
	:Change in sales:					:Bf.					:Change in sales:					:Bf.					:Change in sales:					:Bf.					:Change in sales:									
	Sales	con- tent	Year to Month	Year to date	1977/1976 2/ Year to date	Sales	con- tent	Year to Month	Year to date	1,000 lb.	Pct.	Percent	Sales	con- tent	Year to Month	Year to date	1,000 lb.	Pct.	Percent	Sales	con- tent	Year to Month	Year to date	1,000 lb.	Pct.	Percent	Sales	con- tent	Year to Month	Year to date	1,000 lb.	Pct.	Percent	Sales	con- tent	Year to Month	Year to date			
	24,852	11.1	-2.9	-2.9	3.5	0.2	3.5	11.1	11.1	26,617	11.1	-1.9	-0.6	11.2	25,845	11.2	-2.8	-1.2			25,845	11.2	-2.8	-1.2			25,845	11.2	-2.8	-1.2			25,845	11.2	-2.8	-1.2				
Milk and cream mixtures	4,144	17.8	-28.4	-28.4	-32.5	-30.3	-32.5	18.2	18.2	4,511	18.2	-26.1	-28.8	18.7	4,391	18.7	-18.0	-26.2			4,391	18.7	-18.0	-26.2			4,391	18.7	-18.0	-26.2			4,391	18.7	-18.0	-26.2				
Light cream	4,360	35.3	-12.2	-12.2	-2	-6.5	-2	34.9	34.9	5,144	34.9	-18.2	-11.2	34.5	5,859	34.5	-14.3	-12.1			5,859	34.5	-14.3	-12.1			5,859	34.5	-14.3	-12.1			5,859	34.5	-14.3	-12.1				
Heavy cream	13,163	17.0	.3	.3	7.1	3.6	7.1	16.8	16.8	15,996	16.8	7.5	5.0	17.0	15,663	17.0	3.9	4.7			15,663	17.0	3.9	4.7			15,663	17.0	3.9	4.7			15,663	17.0	3.9	4.7				
Sour cream																																								
Total cream items	21,667	20.8	-9.3	-9.3	-3.4	-6.5	-3.4	20.8	20.8	21,482	20.8	-6.0	-6.3	21.3	25,912	21.3	-5.0	-5.9			25,912	21.3	-5.0	-5.9			25,912	21.3	-5.0	-5.9			25,912	21.3	-5.0	-5.9				
Yogurt	13,822	1.9	9.3	9.3	12.1	10.7	12.1	1.8	1.8	20,952	1.7	24.4	16.1	1.7	20,664	1.7	30.9	20.1			20,664	1.7	30.9	20.1			20,664	1.7	30.9	20.1			20,664	1.7	30.9	20.1				
Eggnog	117	7.1	—	—	—	—	—	20	20	443	6.3	—	—	6.1	530	6.1	—	—			530	6.1	—	—			530	6.1	—	—			530	6.1	—	—				
	May										June										July										August									
	25,763	11.1	-3.2	-1.6	-1.9	-1.6	-1.9	11.1	11.1	25,466	11.2	-6.4	-2.3	11.2	27,077	11.0	2.7	-1.7			27,077	11.0	2.7	-1.7			27,077	11.0	2.7	-1.7			27,077	11.0	2.7	-1.7				
Milk and cream mixtures	4,700	18.5	-9.1	-23.0	-11.7	-21.1	-11.7	18.8	18.8	4,810	18.4	-14.4	-20.2	18.4	4,892	18.4	-5.6	-18.5			4,892	18.4	-5.6	-18.5			4,892	18.4	-5.6	-18.5			4,892	18.4	-5.6	-18.5				
Light cream	5,697	34.4	-2.7	-10.2	-5.4	-9.4	-5.4	34.5	34.5	5,686	34.5	-15.0	-10.2	34.5	4,987	34.7	-1.4	-9.2			4,987	34.7	-1.4	-9.2			4,987	34.7	-1.4	-9.2			4,987	34.7	-1.4	-9.2				
Heavy cream	15,333	16.8	4.2	4.6	4.3	4.6	4.3	16.9	16.9	15,665	16.8	4.6	3.5	16.8	16,806	16.6	7.9	4.0			16,806	16.6	7.9	4.0			16,806	16.6	7.9	4.0			16,806	16.6	7.9	4.0				
Sour cream																																								
Total cream items	25,730	21.0	0	-4.7	-1.1	-4.1	-1.1	21.0	21.0	25,228	20.7	-7.5	-4.6	20.7	26,685	20.3	3.4	-3.6			26,685	20.3	3.4	-3.6			26,685	20.3	3.4	-3.6			26,685	20.3	3.4	-3.6				
Yogurt	21,175	1.7	40.9	24.3	43.6	27.6	43.6	1.9	1.9	18,583	1.9	30.7	28.0	1.9	19,957	1.9	34.4	28.8			19,957	1.9	34.4	28.8			19,957	1.9	34.4	28.8			19,957	1.9	34.4	28.8				
Eggnog	8	5.8	—	—	—	—	—	14	14	64	5.8	—	—	5.8	3	5.8	—	—			3	5.8	—	—			3	5.8	—	—			3	5.8	—	—				
	September										October										November										December									
	26,037	11.0	1.9	-1.3	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—			—	—	—	—				
Milk and cream mixtures	4,490	18.1	-10.1	-17.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—			—	—	—	—				
Light cream	4,333	34.5	-16.1	-9.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—			—	—	—	—				
Heavy cream	15,403	17.0	2.9	3.9	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—			—	—	—	—				
Sour cream																																								
Total cream items	24,227	20.5	-3.6	-3.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—			—	—	—	—				
Yogurt	17,938	1.8	21.1	28.0	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—			—	—	—	—				
Eggnog	25	6.6	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—			—	—	—	—			—	—	—	—			—	—	—	—				

1/ Total packaged disposition in and out of the marketing area by regulated pool plants. Excludes New York-New Jersey, Upper Midwest, Greater Louisiana, New Orleans-Mississippi, and Tennessee Valley.

2/ Percentage changes over the previous year are based on the same number of comparable markets. Data for February 1976 adjusted to a 28-day basis before computing percentage changes.



TABLE 22.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1976 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS II/III MILK SOLIDS USED TO FORTIFY CLASS I	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
PRODUCT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	3,175	101,620	43,991	37,858	43,344	61,179	4,500	25,461	321,127
SOUTH ATLANTIC	809	4,796	15,292	1,987	1,643	0	3,271	8,155	35,953
EAST NORTH CENTRAL	26,521	453,283	77,166	123,127	140,868	103,558	8,493	77,438	1,010,455
WEST NORTH CENTRAL	21,677	291,837	31,372	43,402	150,104	12,962	2,638	20,572	574,565
EAST SOUTH CENTRAL	1,629	5,137	7,925	4,367	11,231	854	579	4,890	36,611
WEST SOUTH CENTRAL	2,380	29,386	24,691	23,955	5,154	15,435	5,724	17,913	124,648
MOUNTAIN	1,505	35,868	14,913	20,543	2,115	67	2,744	4,730	82,485
PACIFIC	7,300	45,479	12,572	18,604	40,009	4,599	769	3,750	133,086
TOTAL OF REGIONS 5/	64,996	967,405	227,923	273,857	394,468	198,654	28,718	162,909	2,318,931
BUTTEREAL POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	1,805	3,567	6,521	339	34	906	0	1,447	14,618
SOUTH ATLANTIC	293	225	1,824	73	0	0	0	359	2,775
EAST NORTH CENTRAL	11,251	17,500	9,661	1,259	201	1,124	0	2,935	43,930
WEST NORTH CENTRAL	8,974	10,778	3,214	479	83	204	6/	834	24,566
EAST SOUTH CENTRAL	615	204	1,130	37	0	30	0	219	2,236
WEST SOUTH CENTRAL	796	947	2,792	235	4	302	0	905	5,981
MOUNTAIN	556	1,230	1,337	171	1	4	0	192	3,491
PACIFIC	2,668	1,691	1,162	166	29	148	0	172	6,036
TOTAL OF REGIONS 5/	26,957	36,142	27,642	2,760	351	2,717	6/	7,063	103,632

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AGGREGATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

6/ LESS THAN 500 POUNDS.

TABLE 13.—MILK, SKIM MILK, AND CREAM UTILIZED IN THE MANUFACTURE OF DAIRY PRODUCTS BY HANDLERS REGULATED UNDER FEDERAL MILK ORDERS, GROUPED BY REGION, SEPTEMBER 1977 1/

REGION 2/	BUTTER	CHEESE	FROZEN DESSERTS	COTTAGE CHEESE	SKIM MILK POWDER	CONDENSED MILK 3/	CLASS 11/111 MILK SOLIDS USED TO FORTIFY CLASS 1	OTHER FACTORY PRODUCTS AND USES 4/	TOTAL
NEW ENGLAND AND MIDDLE ATLANTIC	9,439	98,134	39,944	37,293	71,620	59,045	3,372	28,650	347,495
SOUTH ATLANTIC	1,432	3,910	10,594	1,012	0	1,521	3,131	9,012	30,611
EAST NORTH CENTRAL	30,815	484,376	81,190	123,958	131,256	116,284	14,193	79,478	1,061,551
WEST NORTH CENTRAL	25,463	322,521	32,504	42,913	181,725	13,361	2,525	18,426	639,438
EAST SOUTH CENTRAL	849	8,625	10,319	4,846	2,644	2,936	800	5,443	36,461
WEST SOUTH CENTRAL	1,875	17,369	25,792	21,265	1,219	12,585	5,458	22,522	108,084
MOUNTAIN	1,741	26,980	16,612	22,135	4,631	275	2,831	5,406	80,611
PACIFIC	8,401	49,349	13,397	18,280	49,715	3,407	690	3,666	146,993
TOTAL OF REGIONS 5/	80,103	1,011,263	230,351	271,703	442,809	209,413	32,999	172,604	2,451,246
BUTTERFAT POUNDS 1,000 LBS.									
NEW ENGLAND AND MIDDLE ATLANTIC	3,264	3,531	6,298	396	54	730	0	1,511	15,784
SOUTH ATLANTIC	539	173	1,919	56	0	11	0	547	3,246
EAST NORTH CENTRAL	12,974	19,027	9,060	1,332	215	1,069	1	2,685	46,364
WEST NORTH CENTRAL	10,515	12,113	3,289	442	102	130	0	792	27,483
EAST SOUTH CENTRAL	319	434	964	42	0	105	0	231	2,098
WEST SOUTH CENTRAL	576	534	2,978	213	1	245	0	1,046	5,593
MOUNTAIN	628	953	1,454	184	2	10	0	204	3,436
PACIFIC	3,210	1,886	1,067	162	31	152	0	188	6,695
TOTAL OF REGIONS 5/	32,024	38,651	27,133	2,829	405	2,452	1	7,203	110,698

1/ INCLUDES PRODUCER MILK AND SOME OTHER SOURCE MILK USED TO PRODUCE MANUFACTURED DAIRY PRODUCTS IN REGULATED POOL PLANTS AS WELL AS MILK DIVERTED AND SHIPPED TO NON-ORDER PLANTS FOR PROCESSING. SOME DATA ARE PARTIALLY ESTIMATED.

2/ SEE PAGE 7 FOR MARKETS INCLUDED IN EACH REGION. MIDDLE ATLANTIC EXCLUDES NEW YORK-NEW JERSEY. THIS MARKET IS ALSO EXCLUDED FROM THE TOTAL.

3/ INCLUDES CONDENSED SKIM MILK AND CONDENSED WHOLE MILK.

4/ OTHER FACTORY PRODUCTS INCLUDE EVAPORATED WHOLE MILK, MILK, SKIM MILK, AND CREAM USED IN FOOD PRODUCTS, WHOLE MILK POWDER, AND AERATED, FROZEN AND PLASTIC CREAM. OTHER USES INCLUDE MILK, SKIM MILK, AND CREAM USED FOR ANIMAL FEED, UNIDENTIFIED PRODUCTS, DUMPED OR SPILLED, AND PLANT LOSS.

5/ TOTALS MAY NOT ADD DUE TO ROUNDING

Table 14.—Percentage of whole milk equivalent used in the production of manufactured dairy products, in Federal order markets, January 1977 to date, with comparisons <sup>1/</sup>

Manufactured dairy products	January		February		March		April		May		June	
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Percent											
Butter	35.8	33.3	34.2	32.2	30.8	29.3	30.2	28.7	29.1	28.9	27.2	25.3
Cheese	35.7	33.7	35.7	34.2	36.5	34.4	39.2	36.3	39.3	37.2	38.4	37.0
Frozen desserts	17.2	19.8	18.7	20.9	21.2	23.7	19.8	22.5	20.5	21.2	23.1	24.5
Cottage cheese	2.1	2.5	2.3	2.6	2.4	2.9	2.2	2.6	2.2	2.6	2.4	2.7
All other <sup>2/</sup>	9.2	10.7	9.1	10.1	9.1	9.7	8.6	9.9	8.9	10.1	8.9	10.5
	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

Manufactured dairy products	July		August		September		October		November		December	
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Percent											
Butter	25.5	24.7	25.3	24.0	28.9	26.0	:	:	:	:	:	:
Cheese	38.7	37.1	35.5	36.1	34.9	34.9	:	:	:	:	:	:
Frozen desserts	24.5	25.9	27.4	27.4	24.5	26.7	:	:	:	:	:	:
Cottage cheese	2.4	2.7	2.5	2.9	2.6	2.7	:	:	:	:	:	:
All other <sup>2/</sup>	8.9	9.6	9.3	9.6	9.1	9.7	:	:	:	:	:	:
	100.0	100.0	100.0	100.0	100.0	100.0	:	:	:	:	:	:

<sup>1/</sup> Data represent whole milk equivalent based on milkfat content. Includes producer milk and some other source milk used to produce manufactured dairy products in regulated pool plants as well as milk diverted and shipped to non-order plants for processing. Some of the data are partially estimated. Excludes New York-New Jersey.

<sup>2/</sup> Milk, skim milk and cream used in other manufactured products, i.e. evaporated milk, condensed milk, whole and skim milk powder, aerated, frozen and plastic cream; and cream and cheese dips; and milk, skim milk, and cream used in food products as well as used in animal feed, dumped or spilled, plant loss and unidentified.





Table 17.—Dairy product prices and manufacturing milk prices January 1977 to date, with comparisons

Dairy product market prices											
Month	BUTTER <sup>1/</sup>		CHEDDAR CHEESE <sup>1/</sup>		NONFAT DRY MILK <sup>2/</sup>		DRIED WHOLEY, EDIBLE <sup>1/</sup>				
			Wis. assembling points		Chicago area plant		Central States Production Area				
	92-Score		Barrel		Blocks		NonHygro/Hygro <sup>3/</sup>				
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976	1977
Cents per pound											
January	90.82	86.12	94.00	89.87	84.01	95.81	92.62	100.44	62.53	66.04	8.10
February	90.82	80.94	94.00	84.81	84.76	86.44	92.62	90.03	62.50	64.25	7.54
March	92.68	86.05	97.01	91.42	88.51	90.62	93.80	94.42	62.45	63.37	7.34
April	100.06	89.52	103.83	93.88	93.38	91.94	97.89	96.88	64.75	62.90	7.50
May	100.71	89.88	103.75	94.50	92.67	89.75	97.86	94.94	67.66	62.71	8.38
June	100.71	95.02	103.75	99.88	89.76	89.85	97.42	95.52	67.68	62.69	9.49
July	100.71	105.75	103.75	110.00	92.34	94.62	97.12	100.12	67.77	62.79	10.40
August	100.71	106.24	103.85	109.69	93.00	99.25	97.12	106.19	67.77	62.62	12.43
September	100.72	92.39	105.46	98.81	94.45	91.52	98.29	98.08	67.94	62.77	15.54
October	100.73	90.77	106.97	95.31	94.13	88.31	98.26	93.31	67.75	62.78	16.79
November		90.82		94.00		86.28		92.88		62.60	8.04
December		90.82		94.00		85.70		92.82		62.58	8.32
Average		92.03		96.35		90.84		96.30		63.18	6.37

  

Month	Prices paid for manufacturing grade milk, 3.5% butterfat content			
	Minn.-Wis. Manuf.		Butter powder	
	grade milk <sup>4/</sup>		"Snubber" <sup>5/</sup>	
	1977	1976	1977	1976
Dollars per 100 lb.				
January	8.19	8.90	8.46	8.55
February	8.16	8.25	8.46	8.19
March	8.31	8.60	8.53	8.33
April	8.60	8.44	9.03	8.44
May	8.62	8.30	9.30	8.44
June	8.60	8.32	9.30	8.65
July	8.65	8.71	9.31	9.11
August	8.64	8.99	9.31	9.12
September	8.74	8.46	9.32	8.55
October		8.26	9.31	8.48
November		8.26		8.47
December		8.25		8.47

<sup>1/</sup> "Dairy Market News," AMS. <sup>2/</sup> 26th of preceding month through 25th of current month, as reported by SRS. <sup>3/</sup> Simple average of hygroscopic and nonhygroscopic. <sup>4/</sup> Average price reported paid to producers for manufacturing grade milk, f.o.b. plants in Minnesota-Wisconsin as reported by SRS. <sup>5/</sup> 3.5 percent price converted by using 92-score butter price times 0.120. <sup>5/</sup> (Chicago 92-score butter price times 4.2) plus (nonfat dry milk, spray, Chicago area plant price times 8.2) less 48 cents.



Table 18.—U.S. milk prices, U.S. milk feed ratio, and general price measures, January 1977 to date

Month	U.S. milk prices										U.S. milk prices, 3.5 percent butterfat basis 1/										U.S. milk-feed price ratio 2/ 4/												
	All milk		Manufacturing		Grade milk 2/		1977**	% of parity	Av. fat price	at test	equiv. 7/	All milk		Milk eligible: Manufacturing		Paid farmers for milk used in:		American	Evaporated	milk 3/	1977*	1976*	1977* : 1976*										
	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test						Price at test	Price at test	Price at test	Price at test	Price at test	Price at test							Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test
1977**	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test	Price at test									
Jan.	12.80	9.65	74	10.67	8.48	3.79	78.3	9.30	9.80	9.57	10.09	8.16	8.76	8.15	8.70	8.08	8.15	8.84	8.10	8.36	8.10	8.36	1.49	1.75									
Feb.	12.80	9.54	72	10.84	8.41	3.74	76.8	9.25	9.54	9.53	9.87	8.15	8.23	8.15	8.13	8.04	8.17	8.21	8.11	8.22	8.11	8.22	1.48	1.66									
Mar.	12.90	9.43	72	10.93	8.46	3.68	77.3	9.21	9.55	9.45	9.80	8.26	8.31	8.15	8.29	8.15	8.29	8.37	8.16	8.08	8.16	8.08	1.47	1.64									
Apr.	13.00	9.40	74	11.01	8.66	3.62	79.2	9.27	9.26	9.46	9.48	8.52	8.32	8.50	8.19	8.52	8.52	8.36	8.35	8.09	8.35	8.09	1.44	1.60									
May	13.00	9.34	75	11.01	8.60	3.55	79.5	9.27	9.15	9.46	9.39	8.54	8.24	8.56	8.14	8.54	8.54	8.28	8.39	7.01	8.39	7.01	1.43	1.51									
June	13.00	9.38	78	11.01	8.55	3.52	79.3	9.36	9.11	9.58	9.33	8.53	8.30	8.57	8.20	8.52	8.52	8.35	8.39	7.01	8.39	7.01	1.49	1.43									
July	13.00	9.50	78	11.01	8.58	3.50	79.8	9.50	9.42	9.73	9.63	8.58	8.62	8.56	8.53	8.59	8.59	8.68	8.49	8.23	8.49	8.23	1.68	1.44									
Aug.	12.90	9.69	78	10.93	8.64	3.54	80.5	9.67	9.66	9.92	9.87	8.59	8.85	8.54	8.78	8.61	8.93	8.51	8.53	8.45	8.51	8.45	1.69	1.52									
Sept.	12.90	10.00	77	10.93	8.83	3.64	81.2	9.87	9.72	10.18	9.98	8.66	8.51	8.59	8.35	8.69	8.51	8.53	8.38	8.38	8.51	8.38	1.80	1.53									
Oct.	12.90	10.20	77	10.93	8.99	3.77	81.2	9.92	9.70	10.12	10.04	8.66	8.25	8.66	8.07	8.66	8.68	8.27	8.48	7.13	8.10	7.13	1.84	1.60									
Nov.									9.54	9.54	9.85	8.85	8.18	8.18	8.04	8.04	8.20	8.20	8.10	8.10	8.10	8.10	1.58	1.58									
Dec.									9.36	9.36	9.63	8.63	8.17	8.17	8.06	8.06	8.18	8.18	8.10	8.10	8.15	8.15	1.57	1.57									
Si. av.									9.48	9.48	9.74	8.74	8.40	8.40	8.28	8.28	8.44	8.44	8.18	8.18	8.18	8.18	1.57	1.57									

Dollars per 100 pound

Month	General price measures										Price indexes										Retail 9/	
	Prices	paid by farmers	Price received by farmers	Parity	Ratio	2/ 11/	Wholesale 8/	All	Dairy	products	commodities	products	All items	All food	Dairy	products	commodities	products	All items	All food	Dairy	products
1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976	1977 : 1976
January	198	189	183	182	170	181	192	201	92	98	188.0	179.3	166.8	169.7	175.3	166.7	183.4	160.8	171.3	168.2	168.2	168.2
February	200	191	187	187	174	182	190	194	94	98	190.0	179.3	166.9	163.4	177.1	167.1	187.7	180.0	171.1	168.5	168.5	168.5
March	201	191	190	185	171	178	187	194	95	97	191.9	179.6	168.1	166.7	178.2	167.5	188.6	178.7	171.2	167.9	167.9	167.9
April	204	191	191	180	172	186	187	187	94	99	194.3	181.3	173.6	167.7	179.6	168.2	190.9	179.2	171.4	167.9	167.9	167.9
May	204	191	194	185	176	185	185	184	95	100	195.2	181.8	174.2	167.3	180.6	169.2	191.7	180.0	173.1	167.4	167.4	167.4
June	204	193	184	195	173	184	186	181	90	101	194.4	183.1	174.3	167.0	181.8	170.1	193.6	180.9	174.3	167.9	167.9	167.9
July	203	194	180	194	179	179	189	187	89	100	194.9	184.3	175.1	170.0	182.6	171.1	194.6	182.1	174.1	168.0	168.0	168.0
August	202	193	175	186	177	175	193	193	87	96	194.6	183.7	175.3	173.9	183.3	171.9	195.2	182.4	175.1	169.0	169.0	169.0
September	201	193	174	186	177	172	199	195	87	96	195.3	184.7	175.7	170.3	184.0	172.6	194.5	181.6	175.4	171.1	171.1	171.1
October	201	192	178	178	177	165	203	198	89	93	196.3	185.2	175.9	168.1	184.5	173.3	194.4	181.6	176.2	172.7	172.7	172.7
November	192	196	173	173	177	162	196	196	90	92	196.3	185.6	175.9	168.1	184.5	173.3	194.4	181.6	176.2	172.7	172.7	172.7
December	193	196	178	178	177	162	196	196	92	92	196.3	185.6	175.9	168.1	184.5	173.3	194.4	181.6	176.2	172.7	172.7	172.7
Average	192	192	186	186	177	169	193	193	91	97	196.3	185.6	175.9	168.1	184.5	173.3	194.4	181.6	176.2	172.7	172.7	172.7

Indexes 1967=100

\* Preliminary. \*\* Based on partially revised data. 1/ Converted by using Chicago 92-score butter times 0.120. 2/ "Agricultural Prices," SRS. 3/ "Dairy Products," SRS. 4/ Pounds of concentrate ration equal in value to one pound of milk sold to plants. 5/ Parity prices shown are based on data for the current month. 6/ Seasonally adjusted. 7/ Price at test adjusted to a 3.67 percent fat test by using Chicago 92-score times 0.120 as a percentage of parity price equivalent. 8/ "Wholesale Prices and Price Index," BLS. 9/ "Consumer Price Index," BLS. 10/ For commodities and services, interest, taxes, and wage rates. 11/ Ratio of the Index of Prices Received by farmers, all farm products, to the Index of Prices Paid, Interest, Taxes, and Farm Wage Rates.

Table 19.—Retail prices paid by consumers for dairy products, United States, January 1977 to date, with comparisons 1/

Month	Whole milk and skim milk				Ice cream		Cheese		Butter <u>2/</u>	
	At stores				prepackaged		American process			
	Whole milk <u>2/</u>		Skim milk <u>3/</u>							
	1977	1976	1977	1976	1977	1976	1977	1976	1977	1976
	Cents per $\frac{1}{2}$ gal.				Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ lb.		Cents per lb.	
Jan.	83.2	82.1	79.2	77.8	130.5	125.6	87.9	86.2	127.0	129.8
Feb.	83.6	82.7	78.7	77.4	130.7	126.8	84.0	86.7	126.8	123.1
Mar.	83.5	82.8	78.4	77.7	131.2	125.6	84.3	85.6	127.4	117.8
Apr.	83.4	82.6	78.5	77.7	130.2	125.8	84.8	84.9	129.2	119.8
May	83.5	82.0	78.6	77.4	134.7	125.3	85.7	85.7	133.8	120.6
June	83.9	82.2	78.9	77.7	137.0	126.7	86.0	85.8	134.9	121.1
July	83.4	81.9	78.6	77.3	137.6	125.2	86.2	85.8	134.9	125.9
Aug.	84.2	82.0	79.8	77.1	135.5	126.3	86.7	86.2	135.3	133.2
Sept.	84.1	82.9	80.1	78.4	137.5	128.4	86.6	87.7	136.1	135.0
Oct.	84.5	84.3	80.4	79.3	138.6	130.2	87.2	88.2	136.5	131.0
Nov.		83.7		79.4		128.7		87.4		128.9
Dec.		83.3		79.1		131.1		87.7		127.3
Si. av.		82.7		78.0		127.1		86.5		126.1

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Department of Labor.

2/ 56-city average. 3/ 25-city average. 4/ 45-city average.

Table 20.—Prevailing prices paid by consumers for the most common grade of whole milk, skim milk, ice cream, cheese, American process, and butter, 23 cities, October 1977, with comparisons 1/

Market	Prices at stores				Ice cream		Cheese		Butter	
					prepackaged		American process			
	Whole milk		Skim milk							
	Oct. 1977	Oct. 1976	Oct. 1977	Oct. 1976	Oct. 1977	Oct. 1976	Oct. 1977	Oct. 1976	Oct. 1977	Oct. 1976
	Cents per half gallon				Cents per $\frac{1}{2}$ gal.		Cents per $\frac{1}{2}$ lb.		Cents per lb.	
Atlanta, Ga.	105.1	101.5	—	—	135.7	119.4	92.9	92.9	142.7	135.5
Baltimore, Md.	84.5	85.1	—	—	132.5	114.1	90.9	86.7	142.9	135.0
Boston, Mass.	80.5	79.8	—	—	147.6	147.8	85.4	85.0	128.5	139.4
Buffalo, N.Y.	88.4	87.0	—	—	137.2	119.5	84.5	93.1	121.1	120.1
Chicago, Ill.—NW.—Ind.	86.5	85.2	82.7	80.0	135.6	128.4	86.1	81.3	138.0	124.7
Cincinnati, Ohio	84.8	85.6	83.9	82.5	132.3	121.4	90.0	86.0	145.7	143.0
Cleveland, Ohio	78.2	77.3	—	—	117.4	118.2	83.6	96.1	147.4	135.6
Dallas, Texas	92.8	86.4	84.0	83.4	133.9	125.3	86.5	87.4	140.9	139.0
Detroit, Mich.	77.2	76.5	—	—	131.2	114.8	90.4	86.5	132.3	122.1
Honolulu, Hawaii	114.6	110.7	111.9	108.8	166.5	157.6	105.9	107.2	141.7	146.5
Houston, Texas	97.2	99.3	96.6	98.8	148.5	144.8	97.2	101.8	150.2	146.6
Kansas City, Mo.	86.1	80.9	80.9	78.7	125.5	125.8	91.4	90.9	154.5	144.6
Los Ang.—L. Beach, Ca.	69.7	68.9	61.7	59.1	124.5	115.2	90.6	89.7	134.8	126.8
Milwaukee, Wisc.	80.8	80.9	78.7	77.1	124.0	127.1	85.2	91.8	119.5	115.1
Mpls.—St. Paul, Minn.	79.1	79.0	65.5	67.3	123.2	119.0	98.7	93.0	127.1	119.4
New York—NE. N.J.	86.3	86.0	—	—	172.4	159.7	93.8	90.4	144.5	139.5
Philadelphia, Pa.	90.0	89.5	—	—	162.9	154.5	88.2	81.2	144.6	135.0
Pittsburgh, Pa.	81.7	79.2	81.3	78.6	136.8	128.7	89.6	78.7	133.9	122.9
St. Louis, Mo.	84.7	84.0	80.5	79.4	137.9	131.6	91.9	88.3	138.0	133.3
San Diego, Calif.	68.2	70.0	61.7	61.1	133.2	121.0	92.7	90.6	137.5	129.7
San Fran.—Oak., Calif.	72.6	70.8	—	—	133.7	125.0	96.8	92.4	132.7	123.0
Seattle, Wash.	82.8	82.7	78.2	77.3	132.4	142.7	96.2	93.4	128.0	125.3
Washington, D.C.—Md.—Va.	79.6	87.4	68.6	71.0	170.7	145.0	92.9	90.1	145.0	137.8
United States <u>2/</u>	84.5	84.3	80.4	79.3	138.6	130.2	87.2	88.2	136.5	131.0

1/ "Estimated Retail Food Prices by Cities," Bureau of Labor Statistics, U.S. Dept. of Labor. The primary use of these prices by BLS is for time-to-time rather than place-to-place comparisons.

2/ 56-city average for whole milk and butter, 25-city average for skim milk, and 45-city average for ice cream and cheese, at stores.

Table 21.--U.S. production, January 1977 to date, with comparisons

Month	Milk <u>1/</u>		Butter <u>2/</u>		Total Cheese		Nonfat dry milk <u>2/</u>		Frozen desserts	
	1977*	1976**	1977*	1976**	1977*	1976**	1977*	1976**	1977*	1976**
	Bil. lb.		Mil. lb.		Mil. lb.		Mil. lb.		Mil. lb.	
Jan.	9.9	9.6	105.6	94.3	264.8	249.0	71.5	67.0	69.9	74.4
Feb.	9.4	9.3	96.2	85.4	254.0	241.2	72.3	71.1	75.7	77.3
Mar.	10.6	10.3	98.4	89.3	299.2	275.0	87.5	78.4	101.1	102.0
Apr.	10.7	10.5	100.4	87.6	301.9	297.0	107.1	87.6	98.0	99.9
May	11.3	11.1	103.9	94.0	326.6	313.6	119.6	104.9	104.4	100.6
June	11.1	10.8	95.0	84.0	314.1	320.0	132.7	108.9	120.8	118.1
July	10.7	10.5	84.2	72.4	282.6	296.6	120.7	94.7	118.9	119.2
Aug.	10.4	10.1	78.2	66.0	271.6	284.0	100.7	75.2	121.9	113.9
Sept.	9.9	9.6	75.5	63.4	251.4	267.5	78.4	61.2	105.0	101.2
Oct.	9.9	9.6	84.9	78.2	254.3	256.2	71.5	61.6	85.4	81.6
Nov.		9.2		77.3		252.1		54.5		75.8
Dec.		9.7		91.8		274.9		72.8		72.9
Year to date	103.9	120.4	922.5	983.8	2,820.3	3,327.1	961.8	937.6	1,001.0	1,136.9

\* Preliminary.

\*\* Partially revised.

1/ "Milk Production," SRS.2/ "Dairy Products," SRS. Frozen desserts include ice cream, ice milk, and sherbert.

Table 22.--Commercial and government storage holdings, January 1977 to date, with comparisons

Month	Storage Holdings <u>1/</u>											
	Butter <u>2/</u>				Total Cheese <u>2/</u>				Nonfat dry milk			
	Commer-	Gov't	Total		Commer-	Gov't	Total		Commer-	Gov't	Total	
	cial	1977*	1977*	1976**	cial	1977*	1977*	1976**	cial	1977*	1977*	1976**
	1977				1977				1977			
									<u>3/</u>	<u>4/</u>		
	Million pounds				Million pounds				Million pounds			
Jan.	30.8	36.9	67.6	9.3	480.0	5.7	485.7	362.3	87.8	373.8	461.6	453.7
Feb.	41.7	52.6	94.3	16.5	460.6	10.0	470.6	365.9	84.9	384.7	469.5	460.3
Mar.	44.8	61.6	106.4	31.1	466.1	20.8	486.9	367.9	78.9	386.5	465.4	475.6
Apr.	54.1	74.3	128.5	44.5	489.9	21.5	511.4	393.0	106.6	414.3	520.9	442.0
May	57.3	106.7	164.0	69.1	534.9	23.5	558.5	435.6	119.7	419.1	538.8	463.6
June	70.2	126.5	196.8	80.9	555.5	28.4	583.9	480.6	127.1	452.1	579.2	479.5
July	63.9	144.5	208.4	83.1	560.0	32.3	592.3	511.3	128.8	490.7	619.5	497.2
Aug.	55.7	152.0	207.7	82.4	546.8	43.3	590.1	518.1	109.5	543.7	653.2	505.6
Sept.	42.2	161.2	203.4	68.1	507.4	46.5	554.0	522.5	88.6	597.3	685.9	494.8
Oct.	39.0	158.1	197.1	60.7	450.5	49.0	499.5	501.4	69.3	620.2	689.5	496.0
Nov.				47.4				481.9				479.7
Dec.				47.1				478.4				479.7

\* Preliminary.

\*\* Based on partially revised data.

1/ End of month.2/ "Cold Storage Reports," SRS.3/ "Dairy Products," SRS.4/ "Summary of Processed Commodities in Store," ASCS.

Table 23.--U.S.D.A. purchases (Delivery basis), January 1977 to date, with comparisons

Month	Butter 1/	American cheese	Nonfat dry milk	Milk equivalent of net
	1977	1976	1977	U.S.D.A. purchases 2/
	1,000	1,000	1,000	Mil. lb.
Jan.	32,411	0	32,801	846
Feb.	31,520	0	30,230	883
Mar.	11,599	0	13,899	417
Apr.	25,880	384	37,259	602
May	43,663	0	62,967	1,043
June	35,057	0	78,224	954
July	15,988	0	67,787	501
Aug.	13,466	0	62,697	521
Sept.	317	0	38,278	39
Oct.	6,972	4,864	26,422	162
Nov.		14,215		383
Dec.		19,953		592
Year to date	216,873	39,416	450,564	5/ 1,146

1/ "Dairy Price Support Activity Report," ASCS.

2/ U.S.D.A. purchases (delivery basis) of butter, cheese, and evaporated milk, minus U.S.D.A. domestic sales for unrestricted use of butter and cheese; include purchases under price support, Section 709, Section 32, and Section 4A programs.

3/ Includes 26,812 thousand pounds purchased in 500-pound barrels.

4/ Includes 286 million pounds (milk equivalent) of evaporated milk.

5/ Includes 47 million pounds (milk equivalent) of evaporated.



## Lowfat Milk Sales in Federal Milk Order Markets\*

During 1976, sales of fluid milk products, whole milk and lowfat and skim milk items combined, in 50 Federal milk marketing areas represented slightly more than 70 percent of all of the fluid milk products consumed in the United States. These sales were made principally by regulated handlers and to a much lesser extent by partially regulated handlers and producer-handlers.

During the first nine months of 1977, total sales of whole milk and lowfat and skim milk items combined in Federal milk marketing areas increased 0.3 percent. While the total demand for all fluid milk products combined was up slightly, sales of whole milk items decreased 3.1 percent and sales of lowfat and skim milk items increased 6.9 percent.

In order to present a clearer picture of this bright spot in fluid milk product consumption, a survey was made of lowfat milk sales in Federal order markets. Some highlights of this survey are:

(1) Although as a group, sales of lowfat and skim milk items have increased, not all of the items within the group showed the same type or size of change. During January-September 1977, sales of plain or unfortified lowfat and skim milk increased 10.2 percent while sales of fortified lowfat and skim milk increased only 0.4 percent. In fact, sales of fortified two percent lowfat milk and skim milk actually decreased. During the same period, sales of flavored milk drinks increased 20.1 percent and buttermilk sales decreased 0.5 percent. (See table 9 on page 22.)

(2) The butterfat content of total fluid milk product sales has decreased, continuing a trend that has existed for over 25 years, of less and less butterfat being disposed of in these products. If the sales of whole milk and lowfat and skim milk items during the first nine months of 1977 had contained the same butterfat content as in 1962, 175.5 million more pounds of butterfat would have been disposed of in these products. (See table 1 on page 37.)

(3) In July 1977, combined sales of lowfat and skim milk items represented one-third of the total sales of fluid milk items. Whole milk items sales accounted for 66.7 percent of the total. In July 1962, the comparable figures were 9.7 and 90.3 percent, respectively. (See table 2 on page 38.)

(4) In most markets combined sales of lowfat and skim milk items have shown significant increases. In 37 of the 46 markets surveyed, these sales comprised 25 percent or more of the market's total sales in July 1977, compared to 13 markets in 1968. In eight markets, combined sales of lowfat and skim milk items were larger than sales of whole milk items. (See table 2 on page 38.)

(5) Much of the increase in the sales of lowfat and skim milk items can be attributed to an increase in sales of lowfat milk products (plain and fortified, two percent and one percent). In July 1977, sales of these items accounted for 25.2 percent of the total sales of fluid milk items, and 75.7 percent of the sales of lowfat and skim milk items combined. In July 1968, such sales represented 9.1 and 56.3 percent, respectively. Of the 17.1 percent increase from July 1968 to July 1977 in the proportion of total sales accounted for by lowfat and skim milk items, 94.2 percent was due to increased sales of lowfat milk products. In seven markets, sales of lowfat milk products were larger than sales of whole milk items. (See table 2 on page 38.)



(6) Combined sales of lowfat and skim milk items were proportionately larger in the Northwestern, Midwestern, and Mountain marketing areas than in the Eastern, Southwestern, and Southern marketing areas. (See table 2 on page 38.)

\* Prepared by John P. Rourke, Agricultural Economist, and Mary L. Rolark, Dairy Products Marketing Specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service. FMOS-214, October 1977 Summary.

Table 1.--Changes in the sales relationship and butterfat content of whole milk items, lowfat and skim milk items and total fluid milk items, 1962-1977

Year	Whole milk items <u>1/</u>				Lowfat and skim milk items <u>2/</u>			Total fluid milk items		
	No. of	Change	Pct. of	Bf. test	Change	Pct. of	Bf. test	Change	Pct. of	Bf. test
	mkts.	over	total		over	total		over	total	
		prev. year			prev. year			prev. year		
			Pct.			Pct.			Pct.	
1962	67	+ 1.2	91.2	3.56	+ 7.6	8.5	1.17	+ 1.8	100.0	3.34
1963	73	+ 2.3	90.3	3.53	+ 9.0	9.7	1.26	+ 2.9	100.0	3.30
1964	71	+ 1.0	89.3	3.52	+12.5	10.7	1.33	+ 2.1	100.0	3.28
1965	69	+ 1.2	88.6	3.52	+ 9.0	11.4	1.36	+ 2.0	100.0	3.28
1966	66	- .4	87.0	3.52	+13.5	13.0	1.43	+ 1.2	100.0	3.25
1967	67	- 2.9	85.0	3.50	+13.4	15.0	1.49	- .8	100.0	3.20
1968	62	- .7	82.9	3.49	+16.2	17.1	1.48	+ 1.8	100.0	3.15
1969	60	- 1.9	80.5	3.47	+13.3	19.5	1.51	+ .7	100.0	3.09
1970	55	- 2.3	78.6	3.46	+ 8.1	21.4	1.54	- .2	100.0	3.05
1971	58	- 1.4	76.4	3.45	+10.6	23.6	1.54	+ 1.2	100.0	2.99
1972	58	- .3	74.5	3.44	+ 9.9	25.5	1.52	+ 2.1	100.0	2.95
1973	57	- 3.1	72.2	3.42	+ 8.5	27.8	1.49	- .2	100.0	2.88
1974	57	- 6.2	69.6	3.41	+ 6.5	30.4	1.49	- 2.7	100.0	2.82
1975	55	- .9	67.3	3.36	+ 9.8	32.7	1.49	+ 2.3	100.0	2.75
1976	48	- 3.0	65.1	3.34	+ 7.2	34.9	1.50	+ .3	100.0	2.69
1977 <sup>3/</sup>	46	- 3.1	63.6	3.34	+ 6.9	36.4	1.49	+ .3	100.0	2.66

1/ Plain and flavored whole milk.

2/ Plain, fortified, and flavored skim and lowfat milk, and buttermilk.

3/ January through September.

Table 2.—Sales of whole milk items, lowfat and skim milk items, and lowfat milk, as a percentage of total sales in selected Federal milk order markets, July 1962, 1968, and 1977 <sup>1/</sup>

Marketing area	July 1962				July 1968				July 1977			
	As percentage of total sales		Lowfat milk as % of		As percentage of total sales		Lowfat milk as % of		As percentage of total sales		Lowfat milk as % of	
	Whole milk items	Lowfat milk	Lowfat and skim milk	Total Sales	Whole milk items	Lowfat milk	Lowfat and skim milk	Total Sales	Whole milk items	Lowfat milk	Lowfat and skim milk	Total Sales
	2/	2/	2/	3/	2/	2/	2/	3/	2/	2/	2/	3/
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
<u>NEW ENGLAND</u>												
New England	95.5	4.5	0.1	3.2	91.7	8.3	2.4	29.0	79.9	20.1	14.3	71.0
<u>MIDDLE ATLANTIC</u>												
New York-N.J. <sup>4/</sup>	NA	NA	NA	NA	92.9	7.1	2.2	30.2	5/86.7	5/13.3	5/7.3	5/55.2
Middle Atlantic	93.9	6.1	.1	2.2	90.1	9.9	3.2	31.9	73.5	26.5	17.4	65.8
<u>SOUTH ATLANTIC</u>												
Tampa Bay	—	—	—	—	84.9	15.1	.3	2.3	74.8	25.2	18.5	73.3
Southeastern Fla.	88.6	11.4	0	0	85.5	14.5	1.3	9.2	73.7	26.3	18.7	71.0
Upper Florida	—	—	—	—	87.4	12.6	.1	.8	75.5	24.5	17.2	70.2
Georgia	—	—	—	—	—	—	—	—	65.2	34.8	23.2	66.7
<u>EAST NORTH CENTRAL</u>												
Southern Mich.	94.0	6.0	0	0	86.5	13.5	6.6	48.4	65.6	34.4	23.5	68.2
Eastern O.-W. Pa.	91.9	8.1	3.5	43.4	87.0	13.0	7.4	56.6	72.3	27.7	21.5	77.6
Ohio Valley	90.9	9.1	1.4	15.2	81.7	18.3	10.6	58.1	61.0	39.0	30.0	77.1
<u>Western Group</u>												
Mich. Upper Pen.	94.0	6.0	6/	.7	84.7	15.3	9.6	63.1	55.1	44.9	38.3	85.4
Chicago Regional	88.7	11.3	2.1	18.9	81.4	18.6	11.8	63.4	55.6	44.4	36.6	82.5
Louis.-Lex.-Evans.	87.9	12.1	5.2	43.1	81.6	18.4	11.3	61.2	55.7	44.3	36.5	82.4
Indiana	85.9	14.1	4.3	30.5	70.3	29.7	22.4	75.3	50.5	49.5	43.1	87.1
Southern Illinois	86.0	14.0	10.5	75.0	74.0	26.0	21.9	84.0	51.1	48.9	43.6	89.1
Central Illinois	—	—	—	—	72.8	27.2	21.5	79.3	50.3	49.7	43.0	86.6
<u>WEST NORTH CENTRAL</u>												
<u>Northern Group</u>												
Upper Midwest	83.6	16.4	5.0	30.4	64.2	35.8	23.8	66.7	31.1	68.9	51.6	74.8
E. South Dakota	80.7	19.3	10.3	53.6	61.8	38.2	30.0	78.6	36.9	63.1	53.9	85.4
Black Hills	91.9	8.1	1.9	23.1	73.4	26.6	21.4	80.5	46.3	53.7	45.1	83.9
Iowa	82.6	17.4	5.4	30.8	71.5	28.5	16.3	57.3	40.6	59.4	48.1	81.0
Nebraska-W. Iowa	89.0	11.0	3.5	32.1	75.3	24.7	17.9	72.5	53.4	46.6	38.6	82.7
<u>Southern Group</u>												
St. Louis-Osarks	85.8	14.2	8.3	58.6	74.7	25.3	18.6	73.6	54.8	45.2	38.9	86.2
Greater Kans. City	89.4	10.6	5.4	51.2	75.5	24.5	19.9	81.2	53.9	46.1	39.8	86.3
Neosho Valley	91.1	8.9	2.3	25.6	81.1	18.9	11.5	60.5	68.4	31.6	23.5	74.5
Wichita	92.3	7.7	2.0	25.5	73.0	27.0	22.4	83.1	62.3	37.7	32.2	85.6
<u>EAST SOUTH CENTRAL</u>												
Paducah	87.3	12.7	2.4	19.0	85.6	14.4	6.5	44.9	70.7	29.3	19.5	66.6
Nashville	84.2	15.8	.3	1.9	83.6	16.4	2.2	13.7	69.9	30.1	19.4	64.5
Memphis	89.5	10.5	.1	.7	84.2	15.8	5.5	34.6	73.4	26.6	12.5	46.8
Tennessee Valley	84.1	15.9	7/	—	78.9	21.1	4.8	22.5	57.7	42.3	29.3	69.2

Continued

Table 2.—Sales of whole milk items, lowfat and skim milk items, and lowfat milk, as a percentage of total sales in selected Federal milk order markets, July 1962, 1968, and 1977 <sup>1/</sup> -Con.

Marketing area	July 1962				July 1968				July 1977			
	As percentage of total sales		Lowfat milk as % of		As percentage of total sales		Lowfat milk as % of		As percentage of total sales		Lowfat milk as % of	
	Whole milk items	Lowfat milk and skim milk <sup>2/</sup>	Total Sales	Lowfat milk and skim milk <sup>3/</sup>	Whole milk items	Lowfat milk and skim milk <sup>2/</sup>	Total Sales	Lowfat milk and skim milk <sup>3/</sup>	Whole milk items	Lowfat milk and skim milk <sup>2/</sup>	Total Sales	Lowfat milk and skim milk <sup>3/</sup>
	2/	2/	3/	3/	2/	2/	3/	3/	2/	2/	3/	3/
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
<b>WEST SOUTH CENTRAL</b>												
<b>Northern Group</b>												
Central Arkansas	86.5	13.5	4.3	31.6	83.9	16.1	7.3	45.2	68.6	31.4	18.6	59.3
Fort Smith	NA	NA	NA	NA	NA	NA	NA	NA	71.9	28.1	16.6	58.8
Oklahoma Metrop.	92.7	7.3	.8	10.9	86.5	13.5	8.7	63.9	75.2	24.8	16.4	66.0
Red River Valley	91.7	8.3	1.2	14.3	83.1	16.9	12.8	75.8	84.1	15.9	9.8	61.4
Texas Panhandle	91.4	8.6	.1	1.6	85.9	14.1	6.9	49.0	82.0	18.0	10.0	55.5
Lubbock-Plainview	90.6	9.4	.6	6.9	83.8	16.2	8.3	51.0	80.7	19.3	10.6	55.0
<b>Southern Group</b>												
Greater Louisiana	87.7	12.3	.9	7.1	83.9	16.1	4.7	29.0	80.8	19.2	13.1	68.2
New Orleans-Miss.	92.3	7.7	0	0	88.2	11.8	7.9	66.9	82.7	17.3	9.9	57.2
Texas	92.5	7.5	.3	4.1	80.5	19.5	13.1	67.3	74.9	25.1	17.3	69.2
<b>MOUNTAIN</b>												
Eastern Colorado	84.8	15.2	5.1	33.2	79.5	20.5	14.1	68.6	53.0	47.0	38.6	82.2
Great Basin	78.6	21.4	14.9	69.5	63.5	36.5	30.2	82.7	43.0	57.0	51.1	89.7
Western Colorado	92.8	7.2	0	0	79.8	20.2	15.9	78.6	58.0	42.0	37.7	89.9
Central Arizona	86.4	13.6	7.2	53.1	73.0	27.0	10.3	38.0	64.8	35.2	27.2	77.1
Rio Grande Valley	93.0	7.0	.5	7.0	89.5	10.5	6.5	61.6	79.6	20.4	15.1	73.9
Lake Mead	—	—	—	—	—	—	—	—	67.5	32.5	27.3	84.1
<b>PACIFIC</b>												
Puget Sound	85.4	14.6	6.6	45.4	70.2	29.8	23.6	79.5	43.2	56.8	49.3	86.7
Inland Empire	77.1	22.9	14.1	61.5	59.0	41.0	32.7	79.8	35.7	64.3	57.5	89.6
Oregon-Washington	—	—	—	—	—	—	—	—	46.4	53.6	46.6	86.9
<b>TOTAL</b>	<b>90.3</b>	<b>9.7</b>	<b>2.3</b>	<b>24.0</b>	<b>83.8</b>	<b>16.2</b>	<b>9.1</b>	<b>56.3</b>	<b>66.7</b>	<b>33.3</b>	<b>25.2</b>	<b>75.7</b>

NA Not available.

<sup>1/</sup> Data represent the marketing areas after all mergers, name changes, and expansions up to July 1977. To the extent possible, data for previous years have been adjusted to accommodate these marketing area changes in order to make the data for previous years comparable to the present year.

<sup>2/</sup> Plain and flavored whole milk.

<sup>3/</sup> Plain, fortified and flavored skim; plain and fortified 1% and 2% lowfat milk; and buttermilk.

<sup>4/</sup> Percentages based on Class I sales in the marketing area.

<sup>5/</sup> Data for July 1976.

<sup>6/</sup> Less than 0.05 percent.

<sup>7/</sup> Restricted.

Movements of Milk Into and Out of Federal Milk Order Markets\*

Federal milk marketing orders regulate handlers of fluid milk. Regulation is based on the areas in which handlers sell milk. Regulated handlers, in addition to sales in the marketing areas covered by their respective order, also may make sales to handlers regulated under different orders, or they may make direct packaged route sales into other marketing areas. They also may make sales to unregulated plants or on routes into unregulated areas. Conversely, sales by regulated handlers in a particular marketing area do not constitute all fluid milk sales made in that area since handlers regulated by other Federal orders, producer-handlers, and partially regulated handlers also may sell milk in the marketing area.

The following are highlights of a survey of inter-order movements of milk during the months of May and October 1975:

- (1) Inter-order bulk and packaged shipments of milk in May and October 1975 as a percentage of total packaged disposition by regulated handlers were 12.9 percent and 11.5 percent, respectively. (See tables 1 and 2.)

-Of the total inter-order shipments (446.0 million pounds in May and 423.3 million pounds in October), 70 percent in May and 74 percent in October were in consumer packages.

-Over 93 percent of the inter-order packaged movements were direct route sales; less than 7 percent were sales to regulated pool plants in other Federal order areas.

-Inter-order bulk shipments totaled 110.5 million pounds in October, somewhat less than the 132.8 million pounds in May.

-During the period of short production, some markets supply other areas with supplemental milk and fluid products. Also, during the flush production periods some markets may handle some surplus milk of neighboring markets. In October, 38.0 million pounds or 34 percent of the 110.5 million pounds of inter-order bulk shipments were sent as requested Class II or III. In May, 86.2 million pounds or 65 percent of the 132.8 million pounds of inter-order bulk shipments were sent as requested Class II or III. The remaining bulk shipments, 72.5 million pounds in October and 46.6 million pounds in May, were allocated mainly into Class I, but also into Class II and/or Class III.

-Inter-order shipments will vary considerably between markets. For example, in October regulated handlers under the St. Louis-Ozarks order delivered almost 30 million pounds of packaged milk on routes or to handlers in 29 other Federal order markets. In 14 other Federal order markets, such shipments were less than one million

pounds. Inter-order movements also will vary between May and October. For example, in October handlers in the Southeastern Florida market received more than 6 million pounds of packaged milk or bulk milk for Class I from other Federal order markets. In May such receipts totaled 2.6 million pounds.

- (2) Sales into unregulated areas (primarily for fluid use) in October were 234.9 million pounds (200.4 million pounds packaged and 34.5 million pounds bulk), and in May were 211.7 million pounds (198.4 million pounds packaged and 13.3 million pounds bulk).

-The majority of packaged sales into unregulated areas were route sales; less than two percent were to unregulated plants.

-Bulk sales for fluid uses were proportionally higher in the short production month of October.

- (3) A market, in addition to route sales and pool plant receipts from other order regulated handlers, also may have route sales and pool receipts from other than fully regulated sources. (See tables 1 and 2.)

-Sales by partially regulated handlers have been relatively unchanged during the 1959-75 period, and represent less than one percent of total packaged sales by regulated handlers in May and October. (See table 3.)

-While sales by producer-handlers as a proportion of total packaged sales have increased during the 1959-75 period, they continue to represent less than two percent of total packaged disposition by all Federal order handlers. (See table 4.) However, in some markets these sales were considerably larger than the all-market relationship.

-Receipts at pool plants from other than regulated handlers which were allocated to Class I were relatively small, 26.5 million pounds or 0.7 percent of total packaged disposition by fully regulated handlers in October, and slightly more than five million pounds in May 1975. (See table 4.)

---

\*Prepared by John P. Rourke, Agricultural Economist, and Mary L. Rolark, Dairy Products Marketing Specialist, Market Information Branch, Dairy Division, Agricultural Marketing Service.

FMOS-214  
October 1977 Summary



Table 1.--Movements of milk and cream into and out of Federal order markets in May 1975. For each market, receipts from and sales to other order markets and unregulated areas as a percentage of total packaged disposition by fully regulated handlers

Region and market	Receipts from						Sales to					
	Other order markets			Other sources			Other order markets			Unregulated areas		
	Total:	At pool	In-	At	In-	Total:	At pool	In-	Total:	Bulk	Pkgd.	
	no. of	plants	area	pool	area	no. of	plants	area	no. of	plants	area	
	mkts.	1/	pkgd. route	2/	3/	mkts.	1/	pkgd. route	mkts.	1/	pkgd. route	4/ 5/
	Percent			Percent			Percent			Percent		
NEW ENGLAND												
Boston Regional	3	21.2	13.0	1.0	7.2	*	1.5		3	2.2	1.3	0.7
Connecticut	3	3.6	6/	.5	3.1	0	1.3		3	48.3	29.2	16.9
MIDDLE ATLANTIC												
New York-N.J. 7/	3	9.7	2.6	.3	6.8	NA	NA		4	4.2	4.2	*
Middle Atlantic	3	6.4	6.4	9/	9/	.1	1.6		3	14.0	3.0	.4
SOUTH ATLANTIC												
Appalachian	6	9.4	6/	.3	9.1	2.7	2.1		6	30.2	10.5	1.3
Tampa Bay	8	22.8	3.1	.1	19.6	3.8	10/		2	9.0	11/	11/
Southeastern Fla.	6	4.4	6/	.3	4.1	.2	0		3	4.5	11/	11/
Upper Florida	7	15.5	2.0	*	13.5	1.2	18.1		3	21.5	11/	11/
Georgia	7	7.2	6/	.2	7.0	.4	3.8		11	4.3	11/	.6
EAST NORTH CENTRAL												
Southern Michigan	4	1.9	13/	1.9	13/	0	.4		7	5.1	.4	0
E. Ohio-W. Pa.	5	7.2	2.4	.1	4.7	.1	3.3		4	4.5	2.4	.3
Ohio Valley	8	21.1	6.7	.4	14.0	.5	10/		7	6.4	2.3	.2
Mich. Upper Pen.	3	65.0	0	6/	65.0	.1	2.6		2	12/	---	---
Chicago Regional	9	4.0	6/	6/	4.0	*	2.0		10	9.8	.5	.2
Louis.-Lex.-Evans.	7	14.1	0	6/	14.1	0	0		8	19.6	2.0	1.0
Indiana	7	14.2	.3	.4	13.5	0	.2		8	24.3	4.0	11/
Southern Ill.	7	30.6	2.9	.6	27.1	*	12/		8	35.6	1.5	7.7
Central Ill.	8	125.2	14.7	5.0	105.5	*	12/		5	20.7	11/	11/
WEST NORTH CENTRAL												
Duluth-Superior	3	8.2	6/	6/	8.2	0	1.7		2	12/	---	---
Minn.-St. Paul	5	1.2	0	.5	.7	0	.1		10	12.8	3.7	1.1
Eastern S. Dak.	3	16.4	0	6/	16.4	14/	1.3		4	15.1	0	1.5
Black Hills	3	12/	---	---	---	12/	12/		1	12/	---	---
North Central Iowa	5	103.4	6/	0	103.4	0	0		7	67.1	51.4	11/
Cedar Rapids-I.C.	8	27.3	6/	.6	26.7	0	0		6	63.1	29.2	0
Quad Cities-Dub.	9	48.7	0	.7	48.0	0	12/		5	26.9	11/	0
Des Moines	6	10.5	6/	6/	10.5	0	12/		7	23.2	11/	0
Nebraska-W. Iowa	6	6.7	1.0	6/	5.7	0	12/		8	7.0	11/	11/
Minn.-North Dak.	3	9.3	0	.5	8.8	0	12/		2	12/	---	---
S.E. Minn.-N. Iowa	7	28.7	0	.8	27.9	*	12/		8	38.2	0	3.3
St. Louis-Ozarks	13	15.2	5.2	3.5	6.5	*	12/		35	43.5	15.0	.7
Kansas City	9	21.0	12.1	0	8.9	*	.6		9	8.6	11/	.3
Neosho Valley	4	12/	---	---	---	12/	12/		0	0	0	0
Wichita	6	14.7	3.2	6/	11.5	*	12/		7	20.8	7.6	0
EAST SOUTH CENTRAL												
Paducah	9	33.7	3.5	6/	30.2	*	0		14	33.3	1.3	7.2
Nashville	8	34.8	0	1.4	33.4	*	12/		5	5.6	1.0	0
Memphis	7	35.1	20.4	1.2	13.5	.2	12/		5	21.5	10.6	11/
Knoxville	7	89.0	0	3.1	85.9	0	12/		2	10.0	0	11/
Chattanooga	6	4.9	6/	6/	4.9	0	3.7		3	32.7	11/	11/
WEST SOUTH CENTRAL												
Central Arkansas	6	14.5	.8	4.6	9.1	.5	10/		5	7.2	11/	11/
Fort Smith	2	12/	---	---	---	12/	12/		2	12/	---	---
Okla. Metrop.	13	19.8	15.3	1.0	3.5	0	1.0		8	19.1	7.2	0
Red River Valley	3	68.0	6/	6/	68.0	0	12/		5	36.8	21.0	0
Texas Panhandle	7	36.1	0	6/	36.1	0	0		2	12/	---	---
Lubbock-Plainview	8	12/	---	---	---	12/	12/		3	12/	---	---

Continued

Table 1.--Movements of milk and cream into and out of Federal order markets in May 1975. For each market, receipts from and sales to other order markets and unregulated areas as a percentage of total packaged disposition by fully regulated handlers -Con.

Region and market	Receipts from						Sales to					
	Other order markets			Other sources			Other order markets			Unregulated areas		
	Total:	At pool	In-	At	In-	Total	At pool	In-	Total	Bulk	Pkgd.	
	no. of	plants	area	pool	area	no. of	plants	area	no. of	plants	area	
	of	Bulk	Pkgd.	plants	route	of	Bulk	Pkgd.	of	Bulk	Pkgd.	
	mkts.	1/		2/	3/	mkts.	1/		mkts.	1/		
		Percent		Percent			Percent			Percent		
W.S. CENTRAL -CON.												
Northern La.	6	1.3	13/	1.3	13/	12/	12/		1	12/	---	0 : 32.5
New Orleans	3	.3	0	.3	0	*	0		1	12/	---	15/ : 20.6
North Texas	6	10.2	4.0	0	6.2	.5	10/		13	42.7	14.0	0 : 3.1
Central W. Texas	6	38.2	.5	0	37.7	0	12/		2	12/	---	0 : 28.7
Austin-Waco	2	85.0	0	0	85.0	0	12/		4	7.6	11/	0 : 6.4
San Antonio	3	5.9	6/	0	5.9	2.1	0		9	21.7	.4	0 : 20.3
Corpus Christi	3	19.7	6/	0	19.7	*	0		2	12/	---	0 : 11.6
South Texas	7	51.8	32.6	*	19.2	0	12/		7	16.2	16.2	0 : 1.5
MOUNTAIN												
Eastern Colorado	5	1.8	0	.6	1.2	14/	5.1		5	8.9	11/	0 : 5.3
Great Basin	3	8.5	8.5	0	9/	.2	9.7		3	.5	0	.2 : 8.9
Western Colorado	2	12/	---	---	---	12/	12/		2	12/	---	0 : 4.1
Central Arizona	1	12/	---	---	---	14/	11.9		1	12/	---	0 : 9.0
Rio Grande Valley	6	9.5	6/	6/	9.5	0	9.0		6	11.1	9.3	* : 2.7
Lake Mead	1	1.9	0	.2	1.7	14/	26.8		0	0	0	12/ : 12/
PACIFIC												
Puget Sound	1	3.3	.1	.2	3.0	14/	15.5		2	3.3	11/	15/ : 15.8
Inland Empire	2	9.8	13/	9.8	13/	.1	2.9		1	12/	---	15/ : 9.0
Oregon-Washington	2	3.0	0	6/	3.0	*	7.4		2	4.1	11/	15/ : 2.7
Total all markets 16/	---	13.4	4.1	.5	8.8	.2	2.3		---	14.1	3.8	.4 : 6.5
Total all markets	---	12.9	3.9	.4	8.6	16/ .1	16/ 2.0		---	12.9	3.9	16/ .4 : 16/ 5.8

NA-Not available.

\* Indicates quantity less than 0.1 percent.

1/ For Class I and surplus uses.

2/ Receipts from all sources other than producers and other Federal orders allocated to Class I. Includes, among other things, receipts from unregulated supply plants, fluid milk equivalent of nonfluid milk products, and non-Grade A receipts.

3/ Includes packaged route sales by producer-handlers and partially regulated handlers.

4/ For Class I use.

5/ Includes out-of-area route sales in unregulated areas and sales to unregulated plants. Note: For all markets, approximately 99 percent of these sales were on routes.

6/ Included with in-area route receipts from other order markets.

7/ As reported by other markets.

8/ Included with bulk sales to other order pool plants.

9/ Included with bulk receipts from other order pool plants.

10/ Included with other source receipts at pool plants.

11/ Included with in-area route sales to other order markets.

12/ Restricted.

13/ Included with packaged receipts from other order pool plants.

14/ Included with in-area route receipts from other sources.

15/ Included with packaged sales to unregulated areas.

16/ Excludes New York-New Jersey.

17/ Approximately 65 percent of the bulk sales were requested Class II or III.

Table 2.—Movements of milk and cream into and out of Federal order markets in October 1975. For each market, receipts from and sales to other order markets and unregulated areas as a percentage of total packaged disposition by fully regulated handlers.

	Receipts from								Sales to								
	Other order markets				Other sources				Other order markets				Unregulated areas				
	Total:	At pool	In-		At	In-	Total:	At pool	In-		At	In-	Total:	At pool	In-		
	no. : Total	plants	area		pool	area	no. : Total	plants	area		pool	area	no. : Total	plants	area	Bulk:Pkgd.	
of :	Bulk	Pkgd.	route	plants	route	of :	Bulk	Pkgd.	route	plants	route	of :	Bulk	Pkgd.	route	4/ : 5/	
mkts. :	1/				2/	3/	mkts. :	1/					mkts. :	1/			
	Percent				Percent				Percent				Percent				
NEW ENGLAND																	
Boston Regional	3 :	17.2 :	8.8 :	1.2 :	7.2 :		0.1 :	1.4 :		2 :	2.6 :	1.5 :	0.2 :	0.9 :	1.3 :	2.3 :	
Connecticut	2 :	5.3 :	3.0 :	.4 :	1.9 :		0 :	1.1 :		3 :	41.4 :	22.1 :	2.6 :	16.7 :	0 :	.7 :	
MIDDLE ATLANTIC																	
New York-N.J. 6/	4 :	8.8 :	1.4 :	.4 :	7.0 :		NA :	NA :		3 :	2.1 :	1.5 :	* :	.6 :	NA :	NA :	
Middle Atlantic	4 :	3.5 :	2.8 :	* :	.7 :		* :	2.9 :		2 :	11.3 :	7/ :	7/ :	11.3 :	.4 :	3.6 :	
SOUTH ATLANTIC																	
Appalachian	5 :	9.8 :	0 :	.3 :	9.5 :		.5 :	2.4 :		7 :	25.3 :	5.7 :	1.2 :	18.4 :	33.5 :	42.6 :	
Tampa Bay	6 :	21.8 :	4.2 :	.1 :	17.5 :		5.1 :	1.0 :		2 :	9.4 :	7/ :	7/ :	9.4 :	0 :	0 :	
Southeastern Fla.	8 :	10.2 :	4.9 :	.9 :	4.4 :		1.6 :	0 :		4 :	8.0 :	8.0 :	0 :	8/ :	9/ :	9/ :	
Upper Florida	7 :	13.6 :	1.1 :	10/ :	12.5 :		3.5 :	3.4 :		3 :	21.1 :	4.1 :	7/ :	17.0 :	9/ :	9/ :	
Georgia	8 :	10.0 :	4.1 :	5.9 :	11/ :		2.6 :	3.4 :		10 :	6.2 :	2.7 :	.6 :	2.9 :	9.8 :	13.8 :	
FAST NORTH CENTRAL																	
Southern Michigan	5 :	2.2 :	.2 :	.3 :	1.7 :		0 :	.4 :		7 :	5.1 :	.3 :	.1 :	4.7 :	* :	9/ :	
F. Ohio-W. Pa.	7 :	7.2 :	1.8 :	10/ :	5.4 :		.8 :	2.7 :		3 :	3.8 :	1.7 :	7/ :	2.1 :	1.3 :	2.5 :	
Ohio Valley	6 :	20.7 :	6.6 :	.6 :	13.5 :		1.3 :	.1 :		7 :	5.5 :	7/ :	.3 :	5.2 :	.1 :	1.7 :	
Mich. Upper Pen.	3 :	78.0 :	5.8 :	10/ :	72.2 :		.1 :	2.2 :		2 :	9/ :	— :	— :	— :	0 :	9/ :	
Chicago Regional	9 :	3.2 :	0 :	10/ :	3.2 :		.1 :	2.0 :		13 :	11.2 :	1.7 :	.5 :	9.0 :	.1 :	1.5 :	
Louis.-Lex.-Evans.	8 :	17.5 :	1.1 :	10/ :	16.4 :		.4 :	0 :		13 :	31.5 :	14.6 :	1.5 :	15.4 :	3.5 :	6.6 :	
Indiana	8 :	15.8 :	.7 :	1.2 :	13.9 :		6.6 :	12/ :		10 :	24.9 :	2.9 :	7/ :	22.0 :	0 :	4.2 :	
Southern Ill.	7 :	29.2 :	2.5 :	.7 :	26.0 :		1.2 :	0 :		9 :	44.3 :	7.2 :	7.8 :	29.3 :	* :	8.8 :	
Central Ill.	7 :	120.9 :	7.4 :	6.0 :	107.5 :		* :	0 :		6 :	21.7 :	0 :	7/ :	21.7 :	0 :	8.5 :	
WEST NORTH CENTRAL																	
Duluth-Superior	3 :	12.7 :	10/ :	10/ :	12.7 :		0 :	1.3 :		2 :	9/ :	— :	— :	— :	0 :	35.0 :	
Minn.-St. Paul	7 :	6.2 :	10/ :	.4 :	5.8 :		9/ :	9/ :		10 :	18.0 :	9.6 :	.4 :	8.0 :	1.9 :	9.5 :	
Eastern S. Dak.	3 :	13.8 :	0 :	10/ :	13.8 :		13/ :	1.1 :		4 :	14.7 :	0 :	7/ :	14.7 :	9/ :	9/ :	
Black Hills	3 :	9/ :	— :	— :	— :		9/ :	9/ :		1 :	9/ :	— :	— :	— :	9/ :	9/ :	
North Central Iowa	5 :	95.4 :	10/ :	0 :	95.4 :		0 :	0 :		4 :	21.4 :	0 :	7/ :	21.4 :	0 :	4.2 :	
Cedar Rapids-I. C.	7 :	19.4 :	0 :	.6 :	18.8 :		0 :	0 :		4 :	40.6 :	7/ :	0 :	40.6 :	14/ :	26.4 :	
Quad Cities-Dub.	9 :	51.6 :	0 :	.7 :	50.9 :		0 :	9/ :		5 :	33.6 :	7/ :	0 :	33.6 :	0 :	14.5 :	
Des Moines	7 :	9.9 :	10/ :	10/ :	9.9 :		9/ :	9/ :		8 :	26.4 :	7/ :	0 :	26.4 :	14/ :	15.7 :	
Nebr.-Western Iowa	6 :	6.1 :	10/ :	0 :	6.1 :		0 :	.8 :		10 :	15.5 :	6.4 :	7/ :	9.1 :	14/ :	7.5 :	
Minn.-N. Dak.	3 :	9.4 :	0 :	.3 :	9.1 :		0 :	1.2 :		2 :	9/ :	— :	— :	— :	14/ :	10.6 :	
S.E. Minn-N. Iowa	7 :	26.4 :	0 :	.1 :	26.3 :		0 :	9/ :		8 :	36.0 :	0 :	.6 :	35.4 :	0 :	9/ :	
St. Louis-Ozarks	15 :	18.2 :	7.9 :	3.4 :	6.9 :		* :	0 :		30 :	39.9 :	10.8 :	1.5 :	27.6 :	.3 :	12.1 :	
Kansas City	7 :	13.8 :	3.5 :	10/ :	10.3 :		* :	.9 :		8 :	11.5 :	3.9 :	0 :	7.6 :	14/ :	10.7 :	
Neosho Valley	4 :	9/ :	— :	— :	— :		.2 :	51.6 :		2 :	9/ :	— :	— :	— :	0 :	0 :	
Wichita	5 :	15.0 :	3.6 :	10/ :	11.4 :		* :	9/ :		8 :	27.9 :	15.7 :	0 :	12.2 :	0 :	3.5 :	
EAST SOUTH CENTRAL																	
Paducah	8 :	46.4 :	16.3 :	10/ :	30.1 :		1.1 :	0 :		8 :	32.3 :	.3 :	7/ :	32.0 :	0 :	22.7 :	
Nashville	10 :	42.1 :	15.0 :	1.1 :	26.0 :		1.7 :	12/ :		4 :	5.5 :	7/ :	0 :	5.5 :	0 :	3.4 :	
Memphis	7 :	38.1 :	20.8 :	10/ :	17.3 :		.3 :	12/ :		4 :	11.4 :	7/ :	7/ :	11.4 :	0 :	32.0 :	
Knoxville	7 :	85.4 :	10/ :	2.8 :	82.6 :		0 :	5.6 :		2 :	9/ :	— :	— :	— :	0 :	15.1 :	
Chattanooga	6 :	5.6 :	10/ :	10/ :	5.6 :		.2 :	2.6 :		3 :	32.8 :	0 :	7/ :	32.8 :	1.1 :	15/ :	
WEST SOUTH CENTRAL																	
Central Arkansas	5 :	21.8 :	10/ :	10/ :	21.8 :		* :	.3 :		5 :	8.3 :	7/ :	7/ :	8.3 :	0 :	32.1 :	
Fort Smith	2 :	9/ :	— :	— :	— :		9/ :	9/ :		2 :	9/ :	— :	— :	— :	9/ :	9/ :	
Okla. Metrop.	11 :	19.4 :	14.0 :	1.0 :	4.4 :		2.4 :	1.2 :		8 :	14.1 :	3.2 :	0 :	10.9 :	.1 :	17.1 :	
Red River Valley	3 :	66.0 :	10/ :	10/ :	66.0 :		0 :	9/ :		3 :	33.0 :	10.6 :	0 :	22.4 :	0 :	7.4 :	
Texas Panhandle	7 :	59.7 :	10/ :	10/ :	59.7 :		0 :	0 :		2 :	9/ :	— :	— :	— :	0 :	5.0 :	
Lubbock-Plainview	5 :	9/ :	— :	— :	— :		9/ :	9/ :		3 :	9/ :	— :	— :	— :	9/ :	9/ :	

Continued

Table 2.—Movements of milk and cream into and out of Federal order markets in October 1975. For each market, receipts from and sales to other order markets and unregulated areas as a percentage of total packaged disposition by fully regulated handlers. —Con.

Region and Market	Receipts from						Sales to						Unregulated areas	
	Other order markets			Other sources			Other order markets							
	Total:	At pool	In-	At	In-		Total:	At pool	In-				Bulk	Pkgd.
	no. of	plants	area	pool	area	no. of	no. of	plants	area	no. of	plants	area	4/	5/
	m/	1/	Pkgd.	route	2/	3/	m/	1/	Pkgd.	route	1/	Pkgd.	route	Percent
	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent	Percent
W.S. CENTRAL —CON.														
Northern La.	5	2.0	2.0	16/	16/	2.4	3	1.7	7/	0	1.7	14/	34.8	
New Orleans	5	2.7	11/	2.7	0	5.4	1	9/	—	—	—	14/	23.3	
Texas	8	3.3	2.5	0	.8	.4	11	6.2	3.2	0	3.0	*	4.4	
MOUNTAIN														
Eastern Colorado	5	3.0	0	1.8	1.2	.3	4	2.7	0	7/	2.7	14/	5.8	
Great Basin	1	9/	—	—	—	.2	3	2.2	0	7/	2.2	14/	9.0	
Western Colorado	2	9/	—	—	—	9/	2	9/	—	—	—	0	3.9	
Central Arizona	0	0	0	0	0	6.8	0	0	0	0	0	0	8.7	
Rio Grande Valley	5	10.2	10/	10/	10.2	0	5	2.7	.8	0	1.9	.1	2.8	
Lake Mead	1	9/	—	—	—	13/	1	9/	—	—	—	9/	9/	
PACIFIC														
Puget Sound	1	5.1	10/	.2	4.9	13/	2	4.1	7/	7/	4.1	14/	16.7	
Inland Empire	2	9/	—	—	—	13/	1	9/	—	—	—	14/	11.7	
Oregon-Washington	2	3.1	0	10/	3.1	.1	2	5.1	7/	.2	4.9	.2	2.5	
Total all markets 17/	—	11.7	3.2	.6	7.9	.8	—	12.7	3.2	.6	8.9	1.1	6.1	
Total all markets	—	11.4	3.0	.6	7.8	.7	—	11.5	3.0	.6	7.9	.9	5.4	

NA—Not Available

\* Indicates quantity less than 0.1 percent.

1/ For Class I and surplus uses.

2/ Receipts from all sources other than producers and other Federal orders allocated to Class I. Includes among other things, receipts from unregulated supply plants, fluid milk equivalent of nonfluid milk products, and non-Grade A receipts.

3/ Includes packaged route sales by producer-handlers and partially regulated handlers.

4/ For Class I use.

5/ Includes out-of-area route sales in unregulated areas and sales to unregulated plants. NOTE: For all markets, approximately 99 percent of these sales were on routes.

6/ As reported by other markets.

7/ Included with in-area route sales to other order markets.

8/ Included with bulk sales to other order pool plants.

9/ Restricted.

10/ Included with in-area route receipts from other order markets.

11/ Included with packaged receipts from other order pool plants.

12/ Included with other source receipts at pool plants.

13/ Included with in-area route receipts from other sources.

14/ Included with packaged sales to unregulated areas.

15/ Included with bulk sales to unregulated areas.

16/ Included with bulk receipts at other order pool plants.

17/ Excludes New York-New Jersey.

18/ Approximately 34 percent of the bulk sales were requested Class II or III.



Table 3.—Sales of milk and cream out of Federal order markets, and such sales as a percentage of total packaged disposition by fully regulated handlers under Federal orders, October 1959 and 1961 through 1973, and 1975, and May 1971 through 1973 and 1975 1/

October	Total packaged disposition by regulated handlers:			Packaged sales to:				Bulk sales to:			
	: Disposed :			: :				: :			
	: of in :			: Other Federal order markets :				: Other than requested : Requested :			
	Volume 2/	areas 3/	where 4/	Pool plant	In-area routes	Unregulated areas	Pct.	Class II	Class II or III	Class II or III 3/	Unregulated areas 4/
	Mil. lb.	Pct.		1,000 lb.	1,000 lb.	1,000 lb.	Pct.	1,000 lb.	1,000 lb.	1,000 lb.	
1959	2,411	87.1		2,349	53,977	256,326	0.1	53,977	256,326	42,879	—
1961	2,603	86.3		9,965	87,110	259,718	.4	87,110	259,718	35,594	—
1962	2,827	86.4		14,121	119,522	250,958	.5	119,522	250,958	41,840	—
1963	2,955	85.5		10,891	136,102	279,277	.4	136,102	279,277	57,293	—
1964	3,047	86.0		13,215	139,057	274,663	.4	139,057	274,663	55,525	—
1965	3,034	86.3		16,263	170,214	231,829	.5	170,214	231,829	64,886	—
1966	2,915	83.5		18,020	173,278	293,028	.6	173,278	293,028	73,643	29,096
1967	2,999	83.7		22,453	193,927	272,985	.7	193,927	272,985	63,144	43,521
1968	3,416	86.8		20,703	216,242	213,961	.6	216,242	213,961	73,184	29,450
1969	3,579	85.9		22,418	260,817	222,718	.6	260,817	222,718	64,254	28,218
1970	3,657	87.2		24,481	237,181	204,052	.7	237,181	204,052	63,427	19,514
1971	3,342	87.2		20,499	250,102	180,798	.6	250,102	180,798	58,739	25,941
1972	3,617	86.4		23,271	278,015	192,488	.6	278,015	192,488	82,791	28,010
1973	3,563	85.7		17,176	287,153	202,813	.5	287,153	202,813	67,218	27,278
1975	3,686	86.2		20,241	288,111	200,420	.6	288,111	200,420	72,558	32,596
May 1971	3,325	87.1		18,225	232,751	179,689	.5	232,751	179,689	36,240	34,492
1972	3,463	86.8		23,479	251,101	181,274	.7	251,101	181,274	31,394	17,158
1973	3,488	86.1		19,613	277,764	186,492	.6	277,764	186,492	31,375	21,532
1975	3,449	85.2		15,459	295,299	198,362	.4	295,299	198,362	46,595	21,271

1/ Includes all markets under regulation during specified months. Data are unaudited figures. Percentages computed from unrounded figures. 2/ Includes receipts of packaged milk from other order markets. 3/ Volume for 1959 and 1961 through 1964 represent bulk sales for Class I and surplus uses. 4/ For Class I. 5/ Data influenced by the termination of the Chicago order. A number of plants formerly regulated by the Chicago order became regulated by nearby orders and their sales into Chicago were reported as sales to unregulated areas.



Table 4.--Receipts of milk and cream in Federal order markets by other than fully regulated handlers, and such receipts as a percentage of total packaged disposition by fully regulated handlers under Federal orders, October 1959 and 1961 through 1973, and 1975, and May 1971 through 1973 and 1975 1/

	Packaged receipts in Federal order markets (in-area routes) from:			Partially regulated handlers			Other source receipts at pool plants <u>2/</u>		
	No.	1,000 lb.	Pct.	No.	1,000 lb.	Pct.	1,000 lb.	Pct.	
October									
	No.	1,000 lb.	Pct.	No.	1,000 lb.	Pct.	1,000 lb.	Pct.	
1959	---	12,033	0.5	---	6,203	0.3	---	---	---
1961	---	17,108	.7	---	7,001	.3	---	---	---
1962	---	20,734	.7	---	5,707	.2	---	---	---
1963	---	20,739	.7	---	6,871	.2	---	---	---
1964	---	23,921	.8	---	7,802	.3	---	---	---
1965	---	25,105	.8	---	5,800	.2	---	---	---
1966	---	28,672	1.0	---	3/14,593	.5	---	---	---
1967	---	38,417	1.3	---	3/17,071	.6	---	---	---
1968	---	41,296	1.2	---	6,788	.2	3,867	0.1	0.1
1969	---	42,554	1.2	---	6,569	.2	5,868	.2	.2
1970	---	40,685	1.1	---	11,305	.3	3,686	.1	.1
1971	405	39,653	1.1	91	12,626	.4	4,602	.1	.1
1972	404	36,841	1.0	99	13,139	.4	9,766	.3	.3
1973	362	38,749	1.1	91	12,586	.3	17,429	.5	.5
1975	383	46,559	1.2	82	17,107	.5	26,524	.7	.7
May									
1971	418	52,014	1.5	96	8,950	.3	4,425	.1	.1
1972	394	51,423	1.5	106	16,777	.5	3,976	.1	.1
1973	386	43,653	1.3	97	11,403	.3	4,177	.1	.1
1975	346	50,507	1.5	84	18,001	.5	5,111	.1	.1

1/ Includes all markets under regulation during specified months except New York-New Jersey. 2/ Receipts from all sources other than producers and other Federal orders allocated to Class I. Includes among other things, receipts from unregulated supply plants, fluid milk equivalent of nonfluid milk products, and non-Grade A receipts. 3/ Data influenced by the termination of the Chicago order.

U.S. DEPARTMENT OF AGRICULTURE  
AGRICULTURAL MARKETING SERVICE  
WASHINGTON, D.C. 20250

- - -

OFFICIAL BUSINESS  
PENALTY FOR PRIVATE USE \$300

POSTAGE AND FEES PAID  
U.S. DEPARTMENT OF  
AGRICULTURE  
AGR 101



FIRST-CLASS MAIL

MAJOR ORDER ACTIONS, OCTOBER 1977

Suspension:

Inland Empire - October 3 (42 FR 53595, 10/3/77). This action increased the limit (from 50 percent to 70 percent) on the amount of producer milk that a cooperative association or other handlers may divert from pool plants to nonpool plants during the months of September, October, and November 1977.